





INSTALLATION, USE AND MAINTENANCE MANUAL

USA

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INDEX

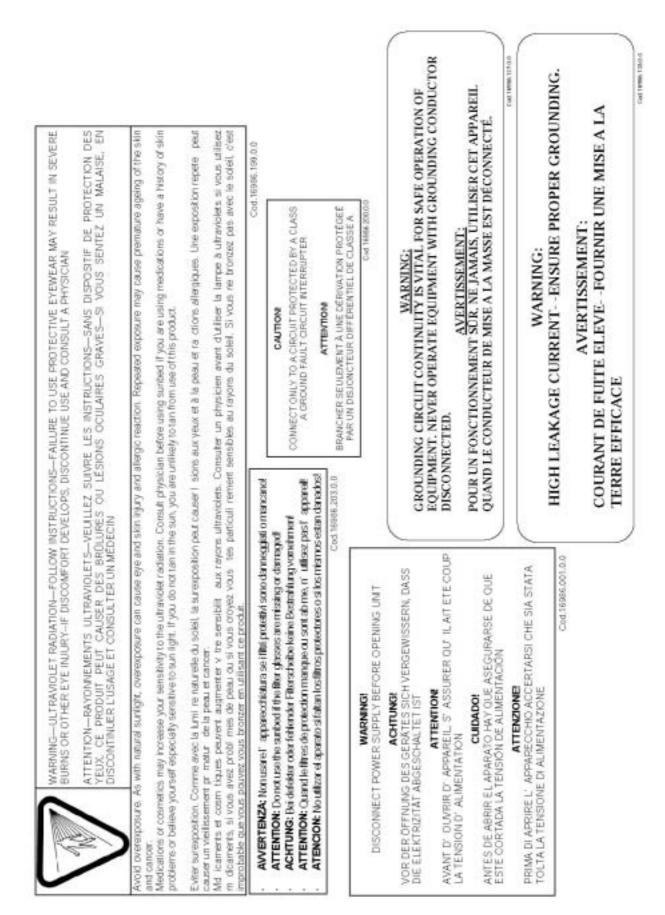
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1 - GENERAL INFORMATION

1.1 LABELS

Read the instruction booklet before using tanning system. This product is in conformity with	RECOMMENDED EXPOSURE SCHEDULE products under No. 21 CFR 1040.20.	ONS Followed by the gradual increasing of exposure times with the following lamps: MAY until maximum tanning has occurred (in approximately Kalfasun 630F 600W AND 4 weeks). MAXIMUM EXPOSURE is 15 minutes. Kalfasun 1530F 1500W	Skin Wack 1 Wack 2 Wack 3 Subsequent Type 1st - 3rd 4th - 6th 7th-6th 7th-6th 8eeby Session Session Session Session Session	II 3 min 6 min 8 min 11 min harts contact-	III 3 min 6 min 10 min 12 min	IV 3 min 7 min 10 min 13 min 200 South Wacker Drive	V 3 min 8 min 11 min 15 min (1-866-899-4826)
This device is intended to be used by	only one person at a time. Lie on the bed and lower the canopy down to the	Ε	ARE NOT RECOMMENDED. Tanning normally begins after one to two	exposures and maximizes after one to four (1.4) weeks of exposure following	the recommended schedule for your skin	type.	wear protective eyewear. Evewear: SUN GLOBES



1 - GENERAL INFORMATION

1.2 INTRODUCTION

IMPORTANT

BEFORE OPERATING THE MACHINE, READ THE INSTRUCTIONS CONTAINED IN THIS OPERATING MANUAL CAREFULLY AND COMPLETELY.

KEEP THIS MANUAL AND ALL ENCLOSURES IN AN ACCESSIBLE PLACE WHERE IT CAN BE REFERRED TO BY ALL USERS (OPERATORS, MAINTENANCE PERSONNEL AND THOSE CLIENTS WHO ASK FOR DETAILED INFORMATION).

This Technical Manual is designed for use by installers and operators, and should be read carefully and completely before the machine is operated. The manual should always be available for reference and should be kept in a safe place so that it stays in good condition for future reference. For further copies or updates of the manual, contact the manufacturer at the address on the front page.

Sportarredo SpA reserves the right to make changes to the product and to the manual without being obliged to update the preceding manuals.

This manual contains all the instructions and information necessary to operate the machine:

- Correct installation of the machine.
- Description of the functions of the machine.
- · Circuit diagrams.

The installers and the operators can use this manual to understand the characteristics of the machine and to learn the correct operating procedure.

1.3 GENERAL TANNING INSTRUCTIONS

DANGER! Ultraviolet Radiation.

Follow instructions. Avoid overexposure. As with natural sunlight, overexposure can cause eye and skin injury and allergic reactions. Repeated exposure may cause premature ageing of the skin and skin cancer.

WEAR PROTECTIVE EYEWEAR; FAILURE TO MAY RESULT IN SEVERE BURNS OR LONG-TERM INJURY TO THE EYES.

<u>Medications or Cosmetics</u> may increase your sensitivity to the ultraviolet radiation. Consult physician before using sunbed if you are using medications or have a history of skin problems or believe yourself especially sensitive to sunlight. If you do not tan in the sun, you are unlikely to tan from the use of this product. This device is intended to be used by only one person at a time. Lie on the bed and lower the canopy down to the stopping point.

CAUTION: EXPOSURE POSITIONS OTHER THAN SPECIFIED MAY RESULT IN OVEREXPOSURE AND ARE NOT RECOMMENDED.

Tanning normally begins after one to two exposures and maximizes after one to four (1-4) weeks of exposure following the recommended schedule for your skin type.

Skin type II.

This is the individual that usually burns easily and severely. Tans minimally or lightly and peels. **Skin type III.**

Often referred to as "average" complexion burns moderately and tans about average.

Skin type IV.

This individual burns minimally, tans easily and above average.

Skin type V.

This individual's system rarely burns, tans easily and substantially.

Session times are calculated for a supply voltage of 208V.

This product is in conformity with performance standards for sunlamp products under No.21 CFR 1040.20.

RECOMMENDED EXPOSURE SCHEDULE

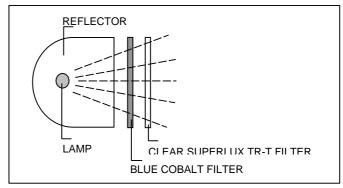
1				
First three sessions should be at 48 hour intervals. Followed by the gradual increasing of exposure times until maximum tanning has occurred (in approximately 4 weeks). MAXIMUM EXPOSURE is 15 minutes.				
Skin	Week 1	Week 2	Week 3	Subsequent
type	1st-3rd	4rd-6rd	7rd-9rd	Weekly
	Session	Session	Session	Session
11	3 min.	6 min.	8 min.	11 min.
	3 min.	6 min.	10 min.	12 min.
IV	3 min.	7 min.	10 min.	13 min.
V	3 min.	8 min.	11 min.	15 min.

This schedule is intended to be used with the following lamps:

Kalfasun 630F

Kalfasun 1530F

Blue cobalt filter and clear Superlux TR-T filter (together).



The machine is carefully protected and loaded onto pallets before shipping. The various parts of the machine must never be transported or stored in positions which differ from the positions in which they are shipped. In this case, the warranty shall be null and void.

The machine must be handled with care in order to prevent the risk of damage to the packaged sections. All handling operations should be carried out by authorised and trained personnel. When the machine is delivered, immediately check that the packaging material is whole and that no damage has occurred during transport.

Any damage to the machine must be notified to the carrier not later than **eight calendar days** from the date of delivery. If internal damage is suspected, it is advisable to accept the machine reserving the right to check accordingly.

THE CARRIER IS RESPONSIBLE FOR ANY DAMAGE OCCURRING DURING TRANSPORT OF THE MACHINE. SPORTARREDO WILL MAKE EVERY EFFORT TO ASSIST THE CLIENT IN SUCH CASES

ALL MAINTENANCE OF THE MACHINE MUST BE PERFORMED BY SPECIALIZED TECHNICIANS FROM SPORTARREDO OR BY PERSONS AUTHORIZED BY SPORTARREDO USA INC.

IMPORTANT ! ALWAYS DISCONNECT THE MACHINE FROM THE POWER SUPPLY BY PRESSING THE SWITCH BREAKER BEFORE CARRYING OUT MAINTENANCE

1.5 PREPARATION FOR INSTALLATION BY THE CLIENT

Unless otherwise expressly specified in the contract, the following must be provided by the client:

- Connections to the electrical circuit, including the protective wire generally referred to as the "EARTH CONNECTION", unit feeding cable, power plug and circuit breaker.
- Canalization system for the emission of hot air.
- External air intake.
- All tools and equipment necessary for installation.

THE UNIT IS SUPPLIED FOR INPUT VOLTAGE AT 230V 3phase 60 Hz

AND IT IS SUPPLIED WITHOUT THE FEEDING CABLE

To make a power cable connection or voltagechange, make reference to the chapter "INSTALLATION" paragraph " VOLTAGE-CHANGE " and to the MASTERSUN 360 n° 1/10 electrical diagram.

These operation must be done by technical personnel.

THE BREAKER MUST BE INSTALLED IN THE POWER SUPPLY BOARD OF THE ESTHETICAL CENTRE AND IT MUST BE DONE BY THE CENTRE ITSELF.

Mod. MASTERSUN 360:

3x80A-30mA to feed 230V - 3phase 60Hz 2x125A-30mA to feed 230V - 1phase 60Hz The installation must be done by technical personnel.

THE POWER SUPPLY CONNECTION (UNIT-BOARD) MUST BE DONE BY THE CENTRE. THE SKILLED TECHNICIAN MUST USE A CERTIFIED CABLE WITH THE PROPER SECTION AND WITH ADEQUATE MECHANICAL PROTECTION, IN ACCORDANCE WITH THE RULES IN FORCE. SEE CAHAPTER 2.1 TABLES FOR TECHNICAL DATA "POWER SUPPLY CABLE SECTION"

PLEASE CONTACT THE CUSTOMER SERVICE AT PHONE NUMBER 1-866-899-4826 FOR ANY FURTHER DOUBT

Before the evening closing, or the closing for a prolonged period you should operate on the breaker in order to disconnect the power supply.

TO HAVE A CORRECT USE OF THE EQUIPMENT, THE ROOM TEMPERATURE **MUST NOT EXCEED THE 86°F DEGREES.** IF ROOM TEMPERATURE EXCEEDS THIS VALUE, WE SUGGEST TO UTILIZE AN AIR-CONDITIONING UNIT.

USA

2 - SAFETY INFORMATION

2.1 GENERAL

- The employer must ensure that the persons assigned to the operation of the machine receive adequate training concerning possible accident risks, the devices fitted for the safety of the operator and the client, the risks associated with the emission of UV light and the general accident-prevention regulations specified by international norms and local legislation.
- Those responsible for operation, maintenance, cleaning and control of the machine must adhere strictly to the accident-prevention regulations applicable in the country in which the machine is installed.
- Before operating the machine, the operator must be completely familiar with the position and the function of all the controls and with the characteristics of the machine. The operator must read this manual carefully and completely.
- The machine must be operated by fully-qualified operators only.
- Removal of the **safety devices** and protective barriers is strictly forbidden.
- No heavy weights must be placed on the moving parts of the machine. The ventilation ducts and intake grilles must not be obstructed by foreign bodies.
- The machine must always be switched off and disconnected from the power supply before performing any routine or special maintenance operations.
- Unauthorised replacement of or repairs to any part or section of the machine, or the use of accessories or material that are not original or recommended by the manufacturer, may represent a risk of injury, and exonerate the manufacturer from all civil or penal liability.
- It is forbidden to stay near the appliance while it is operating without eye protection.

"DANGEROUS ZONES": any zone internal to or in the vicinity of the machine in which the presence of an exposed person constitutes a risk for the safety and the health of that person.

"EXPOSED PERSON": any person who is wholly or partly in a dangerous zone.

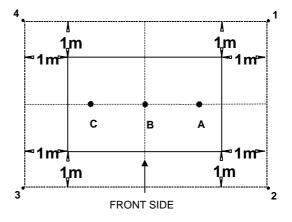
"**OPERATOR**": person or persons assigned to the installation, operation, adjustment, maintenance, cleaning, repair and transport of the machine.

2.2 NOISE

The machine is designed and built in such a way as to reduce operational noise as follows:

- Effective normalized sound power during operation, see diagram below:
 1 = 74 dB (A) max
 2 = 73,5 dB (A) max
 3 = 73,6
 - 1 = 74 dB (A) max 2 = 73,5 dB (A) max 3 = 73,6 dB (A) max 4 = 73,3 dB (A) max
- Effective sound pressure with simulation of the actual position of the person being treated:
 - **A** = 77,5 dB (Å) max,
 - B = 78 dB (A) max,
 - **C** = 77,7 dB (A) max.

The figures shown above have been determined according to ISO 3746.



2.3 REGULATIONS

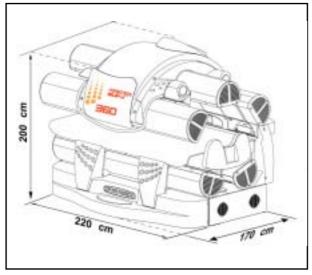
Standard for Safety of Lunminaires, UL 1598, Issue: 2004/12/30 Ed: 2 Luminaires, CSA C22.2 No.250.0, Issue: 2004/12/30 Ed: 2.

In the planning of this unit the following rules and provisions of the European Community have been taken in consideration:

- ECC Directive N. 91/368 dated 20.06.91, N.93/44 dated 14.06.1993, N.93/68 dated 22.07.
- ECC Directive N.73/23 dated 19.02.73 known as "low voltage directive".
- ECC Directive N.89/336 dated 03.05.1989 known as "Electronic compatibility directive".
- En 60335-2-27 II part Special standard for units for the treatment of the skin with ultraviolet and infrared rays for home use and similar use.

3 - TECHNICAL DATA

3.1 DIMENSIONS AND TECHNICAL DATA MASTERSUN 360



MAXIMUM LENGTH	220 cm	86" in
MAXIMUM WIDTH	170 cm	67" in
MAXIMUM HEIGHT	200 cm	78" in
WEIGHT	880 Kg	1940 lb

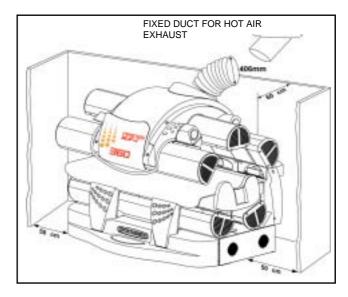
MASTERSUN 360	U.M	DATA	
POWER SUPPLY	V	230V 3ph 230V 1ph	
NOMINAL POWER	KW	25,3 24,1	
NOMINAL CURRENT	А	66 112	
FREQUENCY	Hz	60	
WIRE SIZES	AWG	4 1	
NUMBER OF WIRE REQUIRED		4 3	
EXHAUST AIR FLOW	m³/h	4x875	
EXAUST FAN PRESSURE	Ра	0÷200	
HEAT PRODUCED	Kcal/h	21800	
HEAT EXPELLED	Kcal/h	13100	
FACE LAMPS TYPE	No.	3xKALFASUN 1530F	
CANOPY LAMPS TYPE	No.	4xKALFASUN 1530F 11xKALFASUN 630F	
BASE LAMPS TYPE	No.	12xKALFASUN 630F	
THERMIC PROTECTION 2x90°C			
THERMIC PROTECTION 3x11	0°C		

UV EMISSION

SEE RAY EMISSION CERTIFICATE

4 - INSTALLATION

4.1 PRE-INSTALLATION



In order to ensure correct operation of the machine, it should be installed in an area which has been prepared as shown in the figure.

The connection of the exhaust air pipe must have on the first part (50-60 cm / 19"-23" inch from the edge of the fan) the minimum curving. This device has to be done to reduce the noise of the fan caused by the resistance of the hair, to improve the cooling of the lamps and to have a better air flow during the tanning session.

4.2 CONNECTION

- The area in which the machine is installed **must be** adequately ventilated, fit the area with an air intake from outside if necessary. To improve the technical comfort we suggest to connect the tube to expel the hot air to a fixed duct to expel the air outward
- The metal structure of the machine is earthed by means of insulated wires connected to the earth terminal in the electrical junction box.
- The earth circuit must be in full compliance in accordance with the rules in force.
- The earth connection must also be fitted to lowvoltage systems situated in wet or very damp areas (if the voltage to earth is in excess of 25V for alternating current or 50V for direct current).
- The earth wires connected to every part of the various sections of the machine and the earth wires from the various power circuits and user groups must be connected to a single earthing circuit.
- Ensure that the materials used for the earth system are suitably robust and provided with adequate protection.
- The connection to the main earth terminal should be as short as possible. The earth wires should not be subjected to mechanical stress of any kind, and must be protected against corrosion.

4.3 ASSEMBLY INSTRUCTIONS

SEE ENCLOSED FIGURES

- 1 Position the lateral **F** on the floor at the minimum distance at least 23" inc from the wall (see paragraph 4.1 Pre-installation).
- 2 Figure 1

Open the packaging of basement E.

In case you need to install the unit into the booth/room with a narrow door it is necessary to dismantle the basement as shown. Otherwise follow the assembling instructions at point 3.

Remove the screws 4,8x13 of the structure that holds the body acrylic **G** and put it aside.

Remove the screws 4,8x13 of the metallic covers that protect frontally and upper the **ABCD** feeding boxes.

Remove all the 4 ABCD feeding boxes.

Remove the screws 4,8x13 of the air conveyor positioned under the column no. **2**.

Remove column 2.

Remove column **1** with the conveyor assembling. Remove the screws 6x20 of the small column **E1**. Remove the metallic covers positioned under columns **1** and **2**.

3 Figure 2

Now the basement E is completely dismantled, put it to the lateral F. Assembly the basement E to the lateral F with 4 screws M12x60 and 16x36 washer.

Remove the panel in the lateral rear, fixed with 4,8x13 screws.

4 Figure 2-3

Position the ACD ballast boxes in front of the basement. Before inserting the D ballast box, make the connector CNT4 come out in the rear of the lateral. The CNT4 cable connector is very long and it must be withdraw into itself through the left side of the lateral. The cable must be stopped by the provided sheets and rests next to the white signs. It mustn't rest on the ballasts.

Insert the ballasts box **D**.

Insert the ballasts box **A** withdrawing the cables CMB1-CNB2 on the left side of it

Before inserting the **C** ballasts box, make the CNT3 connector come out from the right side of lateral and the CNT5 connector from the left side. The cables of the connectors must be withdraw into themselves.

Insert the ballasts box C.

Place and fix the metallic covers on the ballasts boxes with 4,8x13 screws.

Take the CNL connector from the lateral and get it through the ballasts boxes side.

Make the connectors pass through the inner side of the head arms insertion:

-CNT3- CNW3 to right DX

-CNT4-CNT5 to left SX

5 Figure 4

Assemble the column **1** with the conveyor.

Connect the CNB1 connector from the **A** ballasts box to the column **1**.

Assemble the column 2 and fix to it the conveyor using 6 screws 4,8x13.

Connect the CNB2 connector from the A ballasts box to the column 2.

Assemble the cooling conveyor of acrylic \mathbf{H} on the frontal side of the lateral using 4,8x13 screws.

6 Figure and photo 5

Connect the 4 flexible grey pipes that convey the air into the lateral white plastic clamps. Connect the two black connectors CNW1-CNW2 of the fans into the lateral. Fix into the provided sheets of the lateral these connectors: -CNT3- CNW3 to right DX -CNT4-CNT5 to left SX Assemble the rear panel of the lateral using 4,8x10 screws.

7 Figure 6

Assemble the structure using the screws 4,8x13 the structure that hold the body acrylic **G**. Insert the brackets **Z** on lateral **F** fixing them with one security hexagonal-head 10x90 screw.

8 Figure 7

Insert the columns 3-4-5 in sequence. Assemble them to the Z brackets with the security hexagonal-head 10x90 screws and the self-blocking bolt from inside to outside.

9 Figure 8

Assembling in sequence with 4,8x13 screws the **H2** covers with the two fans for hot air extraction. Assembling the screws terminal- connector CNT3-CNT4 and connect the white plugs of fans. The part number 4 must be fixing to under with 4,8x13 screws.

Assemble in sequence with 4,8x13 screws the **H1** cover fan. Assemble the screws terminal-connector CNT5 and connect the white plug of the fan. (Follow the sequence numbered).

Assemble the transversal tube **H3** using hexagonal-head 8x20 screws and 8x15 washer.

Assemble the L sheets for the support of the cooling body conveyors on the brackets Z using 5x15 screws and 5x15 washer. The air body conveyor with handle has to be inserted between columns 4 and 5.

Assemble the **M** air body conveyors without the fan plastic covers with hexagonal-head 6x20 screws.

Fit the canopy connectors CNT3-CNT4-CNT5 inserting them under the L1 sheets (see figure 9). Insert the plastic covers M1 on the fans.

Connect the grey pipes for the air convey.

Make the connectors pass through CNT3-CNT4-CNT5 inside the brackets **Z** (right DX-left SX), the cables must be fixed to the provided rests next to the white signs. Insert the cables as shown in figure under the **L1** sheet and connect they on conveyor **H1-H2** according indications.

Assemble the M1 cover plastic on fans.

Connect the flexible grey pipes that convey the air. Connect the black connectors CNW3-CNW7-CNW8-CNW9 positioned at the lateral of the convey **H1**.

11 Figure 10

Assemble the cover **N** with 2 screws 6x20 in the rear and in front with 2 screws 6x25 with teflon washer.

Insert the two yellow neon lamps N1.

Assemble the two caps $\ensuremath{\text{N2}}$ with 6x20 screws and teflon washer.

Insert the panel **N3** silkscreen printing: *Mastersun* 360 with 6x20 screws and teflon washer.

12 Figure 11

Remove the 5x15 screw with washer and remove the tubes **P** that block the mechanical rising of unit. Assemble the **G1** sheets (right-left), with 4,8x13 screws.

13 Figure 12

Assemble the **Q** box of control board using the 4 hexagonal-head 6x20 screws with 6 washers. Connect the CNC and CN2 connectors of fan **V** below.

Assemble the grating cover fan V with 4,8x13 screws connecting the earth wire.

Assemble the cover fan **V1** with 4,8x13 screws connecting the earth wire.

Assemble the antenna on Q control board box.

Insert and fix the lateral plastic cover **Q1** using 6x20 screw with teflon washers.

Assemble the lateral cover plastic **Q2** with 4,2x22 black screws.

14 Figure 13

Raise the **R1** body acrylic. Fix the pistons tighten up and block with release (with small pins) in the lower part.

Assemble the column ${\mbox{\bf S}}$ and use 4 screws 6x20 with the dent facing toward inwards.

Position the loudspeakers column \mathbf{S} and before assembling using 4 screws 6x20 connect the white connector CN1.

Insert on the columns ${\bf S}$ the sheets ${\bf S1}$ for acrylic supports.

Insert between the columns ${\bf 1}$ and ${\bf 2}$ the acrylic tube.

Insert the **R2** acrylic into the **H** conveyor and place it on the small sheet **S1** and on the acrylic tube. Rise the body acrylic **G**.

15 Figure 14

Insert partially the **B** feeding box in to the basement. Insert the feeding cable (see also figure 16 with change voltage) and connect it to the power supply terminal board. Finally insert completely the **B** feeding box in to the basement and connect the connectors: CNRT-CNRB-CNRV-CNL-CNW4.

Assembly the neon-holder with the 18W lamp in correspondence of the feeding box **B** using 2 screws 4,8x13 and connect the connector CNW5. Assembly the metallic cover sheets on all ballasts boxes and afterwards those in front using 4,8x13 Screws.

16 Figure14

Assemble the **U** frontal plastic basement with 4,2x22 black screws. Lift the body acrylic and assemble the orange covers plastic **U1** on the columns of acrylic support using 4,2x22 black screws.

Rise the body acrylic. Place the gel carpet on the **U** basement. Place the gel cushion on body acrylic.

Switching on the equipment the lamps don't switch on at the same moment but in sequence: in order to avoid excessive picks if current absorption.

Check that the all fans emit air, just putting the hand in front.

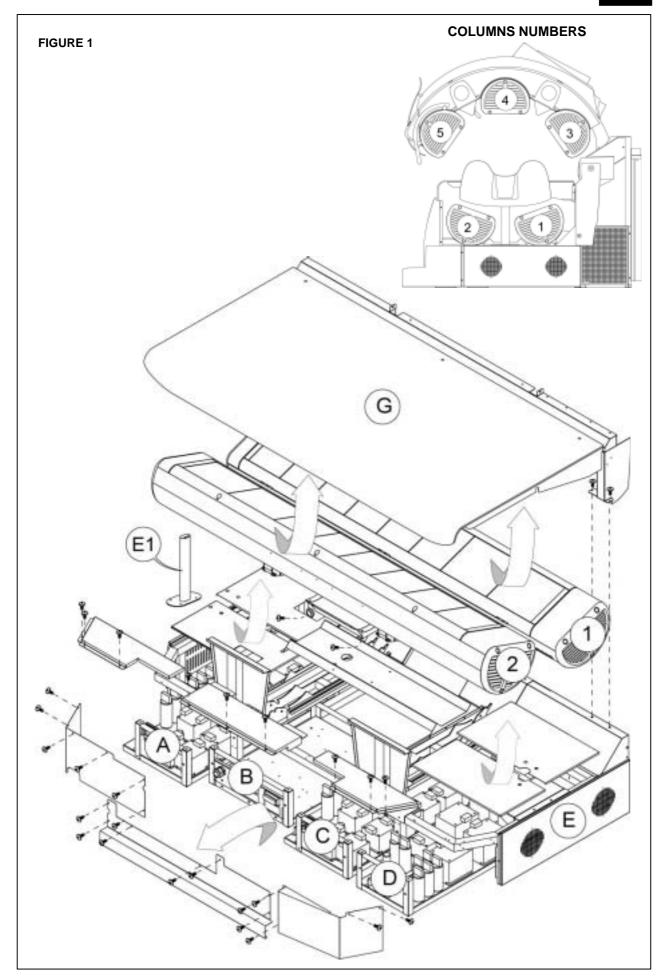
Remove the numbers labels 1-2-3-4-5 on columns.

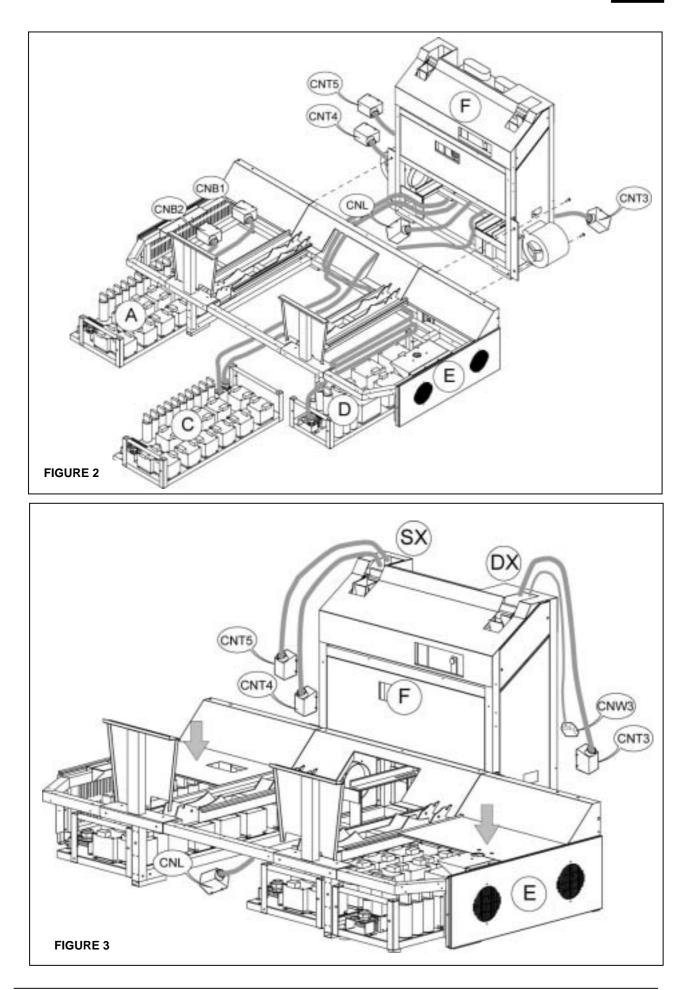
WARNING!

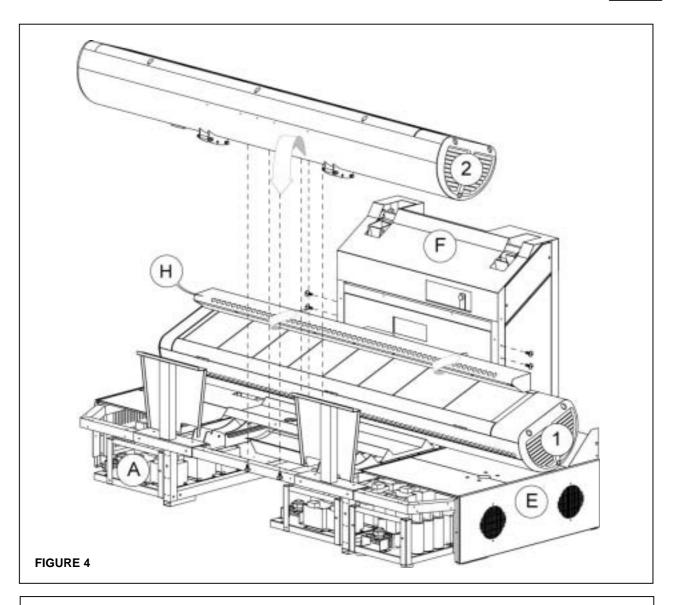
In the control box there is a safety timer set this timer at a value 10% longer than the maximum session time.

e.g.: session time 15 min set the safety timer to 16,5 min.

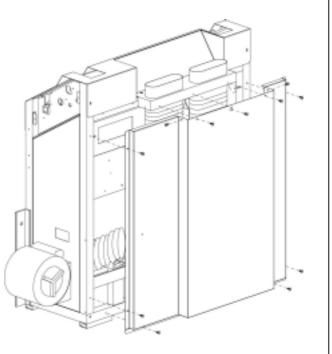


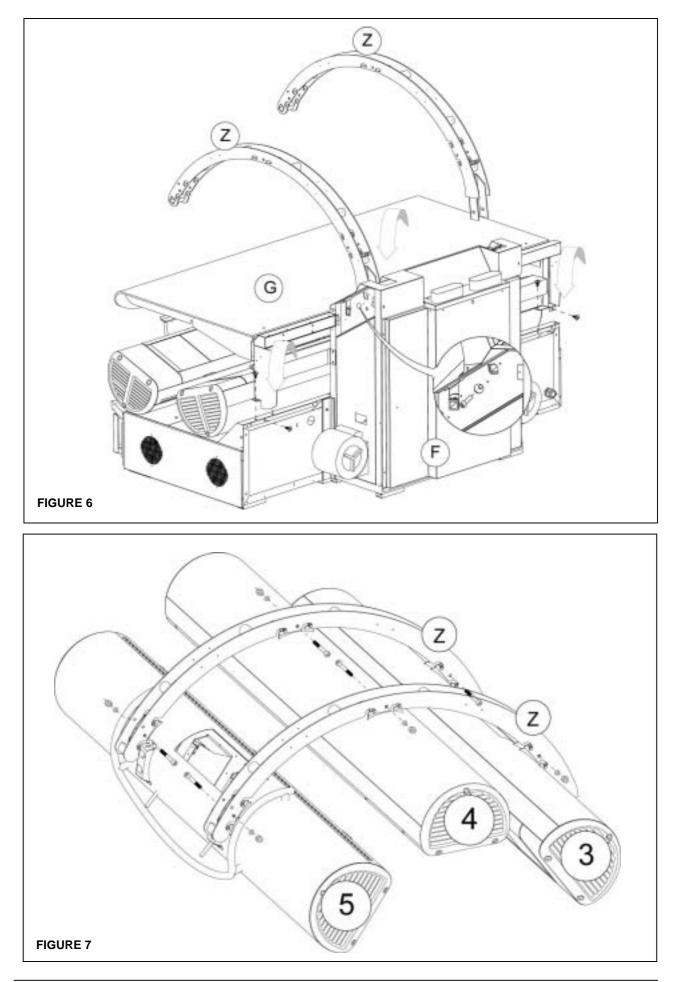


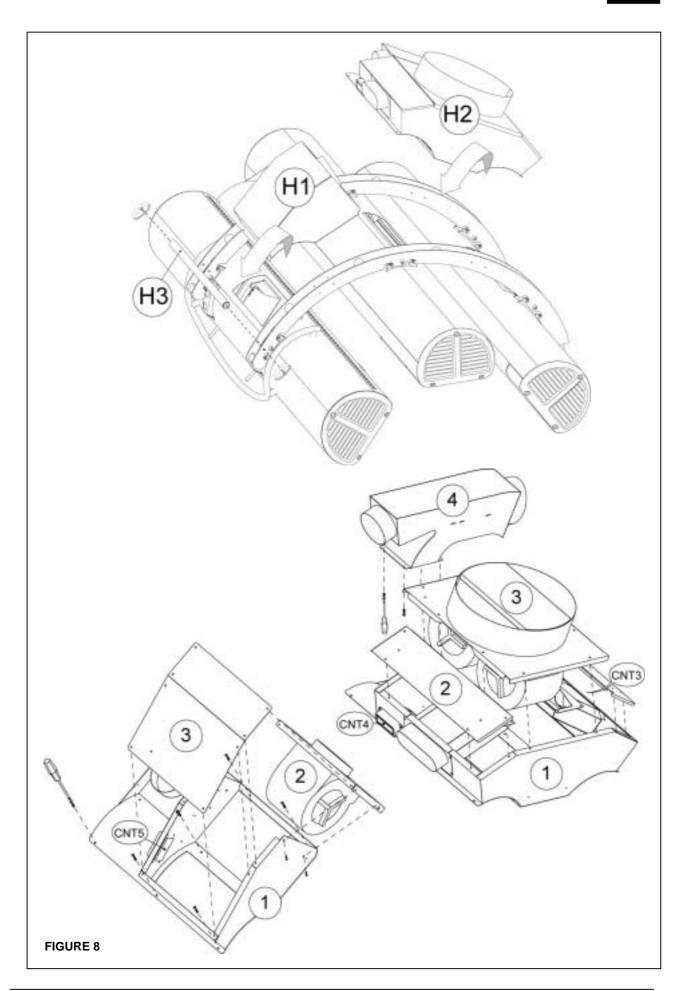


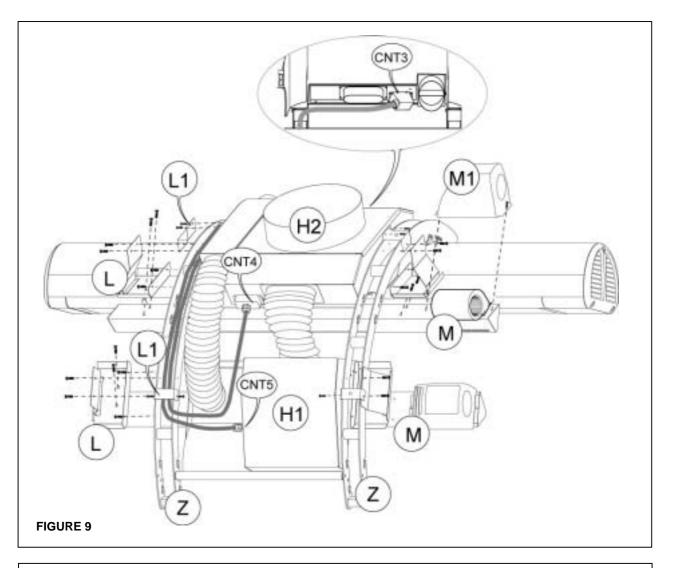


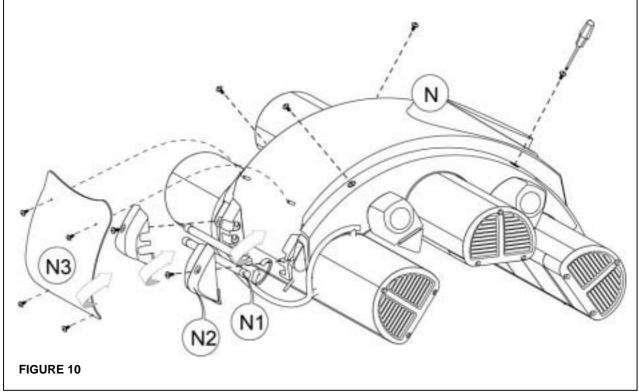


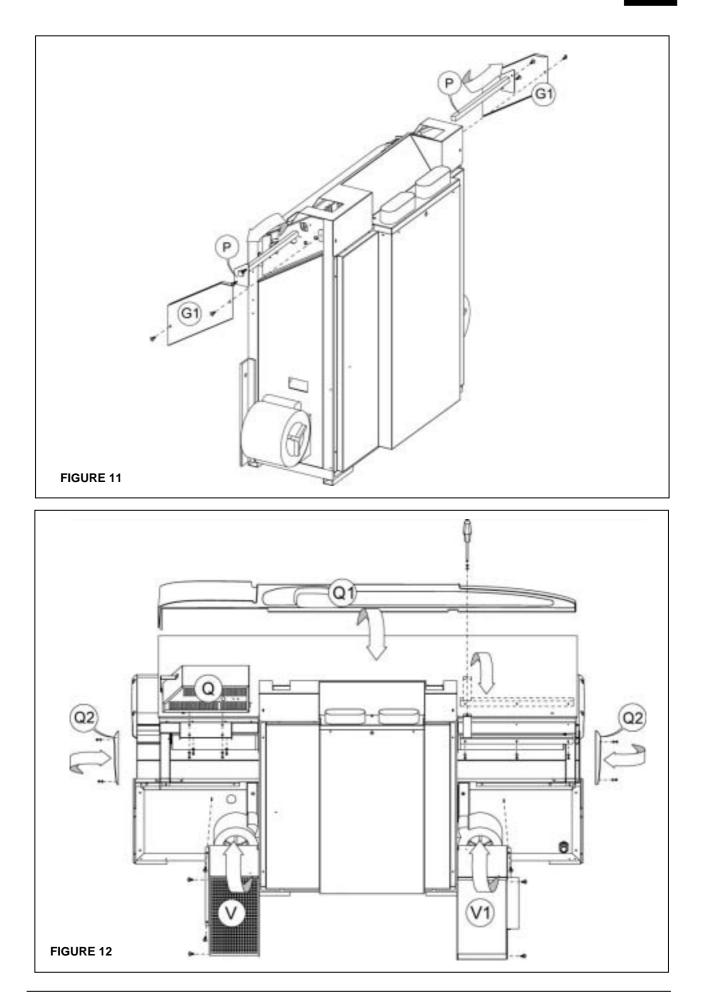


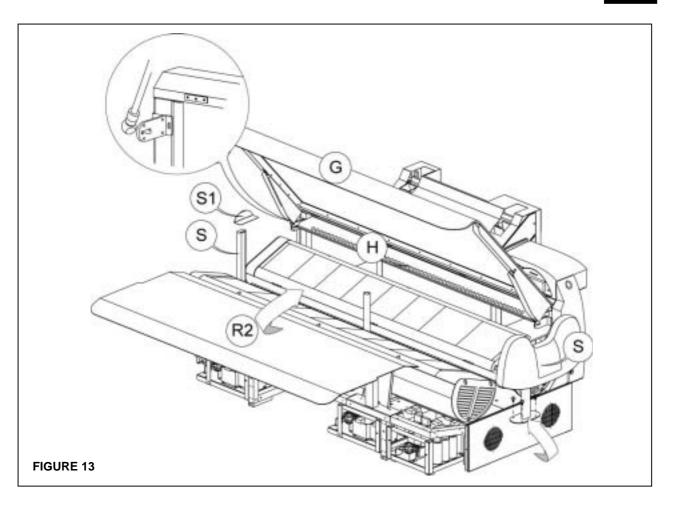


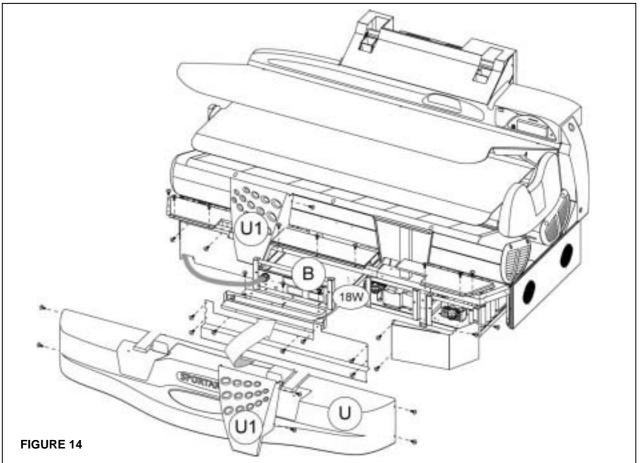












AIR-CONDITIONING CONNECTION

The unit can be connected to an external airconditioning system (separate system, not equipped with the unit or directly to the tanning centre airconditioning system) to increase the user's comfort. The connection to the air-conditioning system permits to cool the surface of the acrylic that support the client during the session, increasing the comfort of the unit.

The unit can also function without the connection to an auxiliary air-conditioning system, but for a better comfort of the user, Sportarredo always suggests to connect the unit to an auxiliary cooling system.

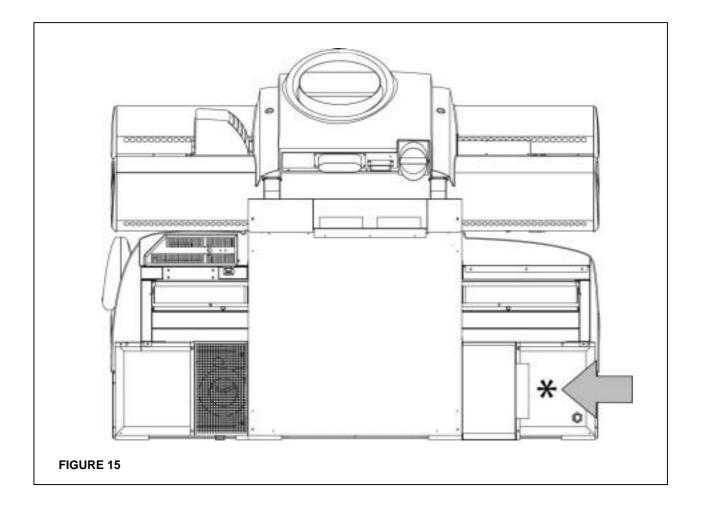
The connection must be done as follows: Use a flexible pipe diameter 254 cm, max. 2m long avoiding narrowing or a sharp turn.

Connect the pipe to the air socket placed on the cover of the cooling base fan behind the base of the unit (see figure *).

Connect the other end of the pipe to the external air duct from the air-conditioning system (centralised or external air-conditioning system).

The air-conditioning system must be able to supply the following performance:

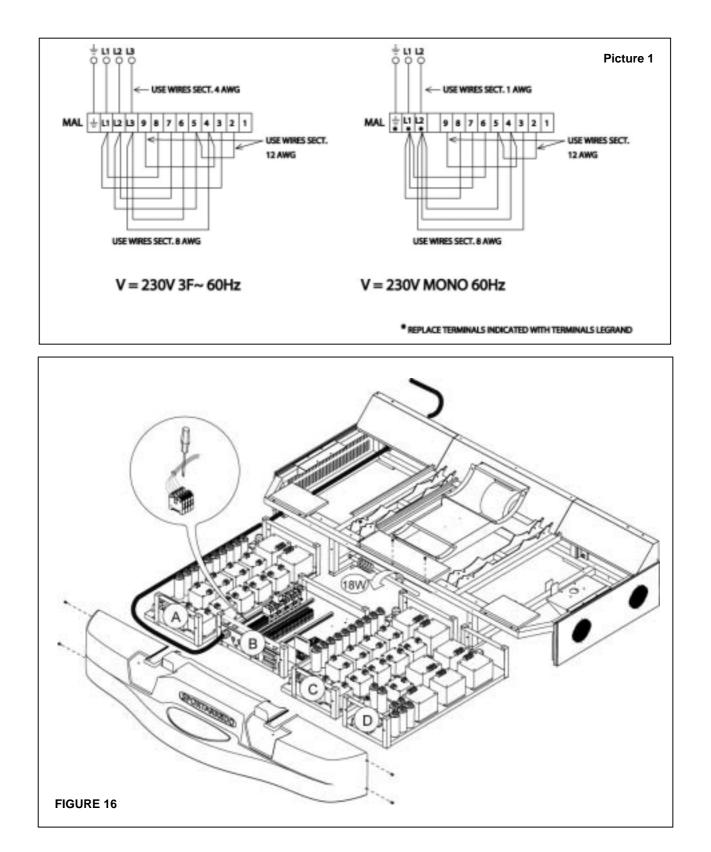
Air Output: min. 900-1000 m3/h Cooling Power: 9.000-12.000 BTU Air outlet temperature: at discretion of the user, however no higher than 25 °C



4.4 VOLTAGE CHANGE

To enter the terminal board for power supply, placed inside the basement (control box **B**). Before taking the control box **B** off, remove the bracket with the lamp 18w. Make reference to Picture 1 and Figure 16.

IMPORTANT ! ALWAYS DISCONNECT THE MACHINE FROM THE POWER SUPPLY BY PRESSING THE SWITCH BREAKER BEFORE CARRYING OUT MAINTENANCE



5 - USE

5.1 CONTROL BOARD



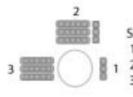
START



Pushing this button you start the tanning treatment.



The time button is used to decrease the duration of the treatment after the unit has been turned on. At each pressure of the button there's a decrease of 1 minute. May be used by authorised personnel only.



SELECTOR 1 - Switches on the facial lamps. 2 - Switches on of all the lamps. 3 - Switches on of lamps, canopy and bed except the face.

Selection of the lamps must be made by the qualified personnel of the tanning centre and must be set before the session.

IMPORTANT!

TRS/4 electronic board permits to use the remaining time of a session in case of temporary interruption of power, with the relative "reset" of the unit. The remaining time will flash in the display: pushing the Start button you can use such time, while pushing the Stop button you set to zero such time and the unit is ready for a new session.

The machine is equipped with a radio/CD so that the client can listen to music during the tanning session.



When the STOP button is pressed, the tanning lamps are switched off.



The buttons marked "+" or "-" may be used to increase or decrease the power of the fan.



Through the buttons 1-2-3-4 the duration of the treatment is set out according to the customer skin type.

PL

This lamp lights when the appliance has been operated for 100 hours to indicate that routine maintenance must be performed.

SL

This lamp lights when the appliance has been operated for 400 hours to indicate that it is necessary to call a qualified technician for special maintenance.

5.2 SAFETY OF THE PERSONS EXPOSED TO UV

Don't use the unit in case of filter damages and timer faults!

ATTENTION! AN IMPROPER OR INCORRECT USE OF THE UNIT CAN CAUSE SERIOUS BODILY DAMAGES TO THE PERSON EXPOSED!

From a careful analysis, as specified in **EN 60335-2-27**, the precautions that must be observed are listed below.

- If the client is undergoing treatment using medication, such as antibiotics or antiinflammatory pharmaceuticals, it is advisable to suspend tanning sessions. In any case, it is advisable to consult a doctor.
- **2)** Before a tanning session, the skin should be clean and free of cosmetics or perfumes.
- 3) Be sure not to exceed the exposure times selected by the staff of the tanning centre.
- Always use the special protective eyewear. The eyes must under no circumstances remain open during the tanning session.
- 5) After each tanning session, it is advisable to apply a moisturising cream.

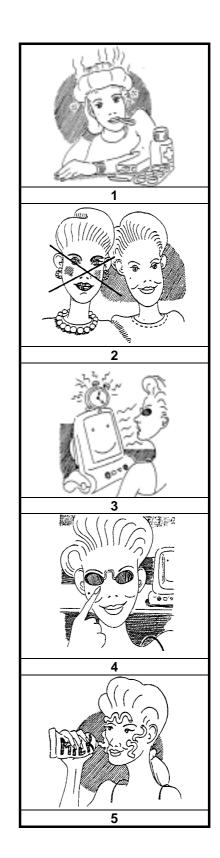
It's advisable to:

- Not exposure any part of the body more than one time per day.
- Not exposure to the unit and sun in the same day.
- Do not expose yourself to the appliance if you usually burn with normal sunlight or if you suffer from sun-rash.
- Do not make UV session in case of pregnancy. In any case please consult your own attending physician before making the session.
- Do not expose to UV immediately after depilation treatments.
- Do not expose children or adults that are prone to or are suffering (or have previously suffered) from skin neoplasia.
- Consult the physician if on the skin swellings, ulceration's or red spots appear.

ATTENTION!

- Ultraviolet radiation may cause injury to the eyes and skin, such as skin ageing and eventually skin cancer.
- Read instructions carefully.
- Wear the protective goggles provided.
- Certain medicines and cosmetics may increase sensitivity.

A copy of the following warnings is supplied with the manuals and must be shown to the public close to the unit.



5.3 PROGRAMMING THE PRE-DEFINED SESSION TIMES

The electronic control of solarium permits to programme 4 pre-defined sessions time . Their programming should be carried out as follows:

Switch on the solarium and press the **Time decrease** key and then key **2** in sequence and keep them pressed for about four seconds until P4 is displayed.

With ventilation keys + or - choose the function to be modified or displayed.

Parameters	Display	Value
Session time in minutes for skin type 4	P4	1-40
Session time in seconds for skin type 4	S4	0-59
Session time in minutes for skin type 3	P3	1-P4
Session time in seconds for skin type 3	S3	0-59
Session time in minutes for skin type 2	P2	1-P3
Session time in seconds for skin type 2	S2	0-59
Session time in minutes for skin type 1	P1	1-P2
Session time in seconds for skin type 1	S1	0-59

P4-SESSION TIME IN MINUTES FOR SKIN TYPE 4. IV (Mediterranean) .

The **start** key displays the data relating to the function to be modified or read.

The ventilation keys + or – modifies the value according to the table.

The **stop** key confirms the value and exits the function. The next function, i.e. S4, is displayed.

S4-SESSION TIME IN SECONDS FOR SKIN TYPE 4. IV (Mediterranean) .

The same procedure as per function P4 is repeated. When exiting, P3 is displayed.

P3- SESSION TIME IN MINUTES FOR SKIN TYPE 3. III (European dark skin).

The same procedure as per function P4 is repeated.

When exiting, S3 is displayed.

S3- SESSION TIME IN SECONDS FOR SKIN TYPE 3. III (European dark skin).

The same procedure as per function P4 is repeated. When exiting, P2 is displayed.

P2- SESSION TIME IN MINUTES FOR SKIN TYPE 2. II (European fair skin).

The same procedure as per function P4 is repeated.

When exiting, S2 is displayed.

S2- SESSION TIME IN SECONDS FOR SKIN TYPE 2. II (European fair skin).

The same procedure as per function P4 is repeated. When exiting, P1 is displayed.

P1- SESSION TIME IN MINUTES FOR SKIN TYPE 1. I (Celtic).

The same procedure as per function P4 is repeated. When exiting, S1 is displayed.

S1- SESSION TIME IN SÉCONDS FOR SKIN TYPE 1. I (Celtic).

The same procedure as per function P4 is repeated. When exiting, rF is displayed.

At this point, programming has been completed. To return to normal operation, switch off and reset. The pre-defined session times by the manufacturer are consistent with those indicated on the recommended exposure programs.

At each pressure of the "time decrease" button, the initial session time will be decreased of 1 minute; pushing again you can obtained in a decreasing way all the session times scheduled by the exposure programs.

6.1 ORDINARY MAINTENANCE

IMPORTANT ! ALWAYS DISCONNECT THE MACHINE FROM THE POWER SUPPLY BY PRESSING THE BREAKER SWITCH BEFORE CARRYING OUT MAINTENANCE

IMPORTANT!

USE ONLY THE DISINFECTANT CLEANSING THE TRANSPARENT AND BLUE COBALT FILTERS N.B. DO NOT USE ALCOHOL OR ALCOHOL-BASED PRODUCTS FOR CLEANING

REMOVING AND CLEANING THE TRANSPARENT AND BLUE COBALT FILTERS

To make the cleaning of the filters it's necessary to make as follows on page 24 and figure 18-19.

CHECK OF THE BLUE COBALT FILTER

To prevent the exposition to bad rays it's important to check the good conditions of the blue cobalt filters and the fixing condition to the metallic frame. If breaks or cracks are present do not use the equipment and call for a skilled technician maintenance.

CLEANING THE TRANSPARENT AND BLUE **COBALT FILTERS**

Clean the filters internally and externally using a 50% solution of water and denatured alcohol.

WARNING!

When you open/rise the columns in order to clean them or for ordinary maintenance, a security device automatically switches off the unit. The feeding switches on again when the columns are closed.

IMPORTANT!

USE ONLY THE DISINFECTANT CLEANSING MULTYSAN TO CLEAN THE ACRYLICS

ANY TAMPERING WITH THE APPLIANCE OR THE USE OF NON-ORIGINAL MATERIAL OR PARTS MAY LEAD TO INJURY. IN SUCH CASES, THE MANUFACTURER DECLINES ALL CIVIL AND PENAL LIABILITY, AND THE WARRANTY SHALL AUTOMATICALLY BE CONSIDERED NULL AND VOID.

FILTERS USED IN THIS APPLIANCE:

Cobalt filter 230x75mm Superlux filter TR-T 260x300mm Superlux filter TR-T 260x210mm

REFLECTORS USED IN THIS APPLIANCE:

MX630 - MX1530

PL PILOT LAMP FOR ROUTINE MAINTENANCE

This lamp lights when the appliance has been operated for 100 hours this means that routine maintenance, consisting of cleaning of internal and external filters of the appliance, should be carried out.

The luminous signal is turned off by the following procedure:

- press key Time decrease and 1 at the same time, until the pilot lamp PL. appears;

- press key Start (the point disappears);

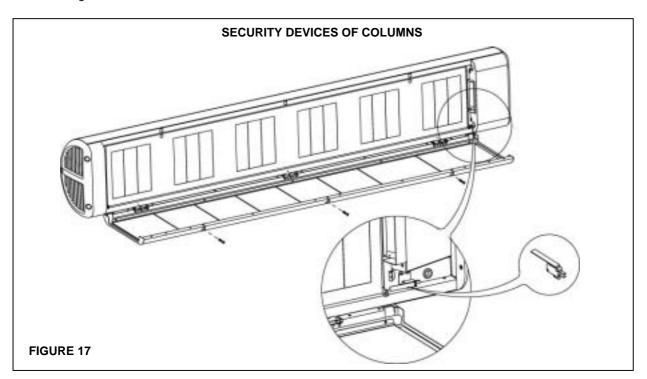
- press again key Start (PL flashing);

Now the resetting procedure begins and is shown by the fast flashing of the pilot lamp.

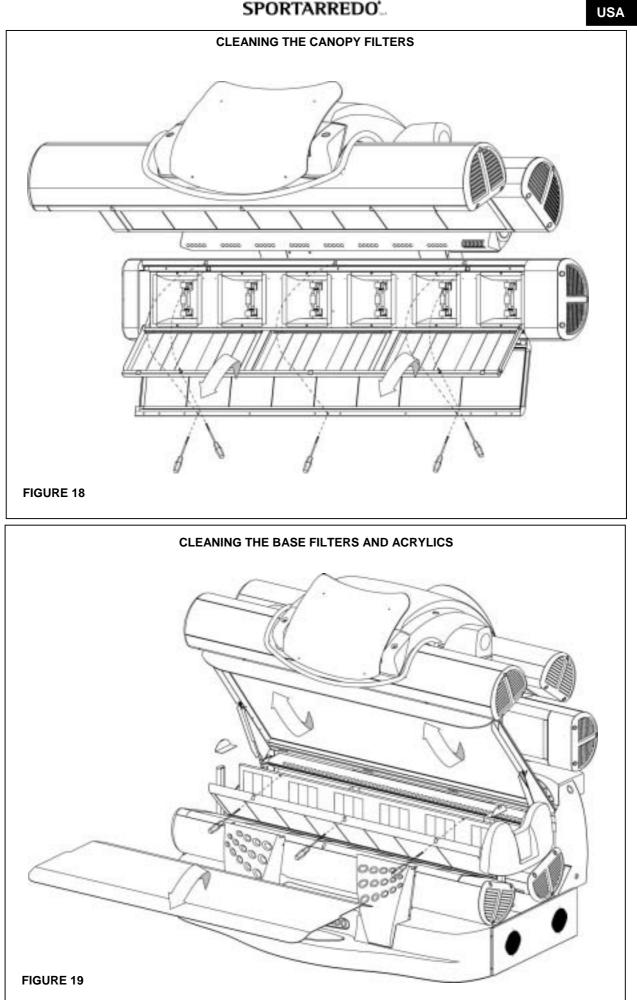
When the flashing stops, PL appears again;

- to return the machine to normal operational status, turn the electrical power off and then back on. The resetting procedure is finished.

This procedure should be carried out with the appliance in pause mode.



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7 · EXTRAORDINARY MAINTENANCE MADE BY A SKILLED TECHNICIAN

7.1 EXTRAORDINARY MAINTENANCE

SL PILOT LAMP FOR SPECIAL MAINTENANCE

This lamp lights when the appliance has been operated for 400 hours this means that the following extraordinary maintenance operations should be carried out:

- cleaning of internal and external filters.
- replacement of the lamps.
- Check that the timer system is working correctly.
- Check that the SAFETY AND ACCIDENT PREVENTION instructions are legible and in satisfactory condition.
- Every 800 working hours replace the reflectors, the UV filters, the igniters for the high-pressure lamps. Clean the fans and the inside of the machine.

• Every 1200 working hours replace the acrylics.

The luminous signal is turned off by following the procedure below:

- press key **Time decrease** and **1** at the same time, until the pilot lamp **PL.** appears;

- press key + appears SL.;

- press key Start (the point disappears);

- press again key Start (SL flashing);

Now the resetting procedure begins and is shown by the fast flashing of the pilot lamp.

When the flashing stops, **SL** appears again;

- to return the machine to normal operational status, turn the electrical power off and then back on.

The resetting procedure is finished.

This procedure should be carried out with the appliance in pause mode.

7.2 PERIODIC CONTROL PROCEDURES

Electrical checks. Check that the electrical safety devices, and the acoustic/illuminated signal devices and alarms are undamaged and that they function correctly. Check that the equipment and devices in the electrical control box are in satisfactory condition.

These checks must be performed by qualified personnel

IMPORTANT ! ALWAYS DISCONNECT THE MACHINE FROM THE POWER SUPPLY BY PRESSING THE BREAKER BEFORE CARRYING OUT MAINTENANCE

IMPORTANT! USE ONLY THE DISINFECTANT CLEANSING THE TRANSPARENT AND BLUE COBALT FILTERS N.B. DO NOT USE ALCOHOL OR ALCOHOL-BASED PRODUCTS FOR CLEANING

CHECK OF THE BLUE COBALT FILTER

To prevent the exposition to bad rays it's important to check the good conditions of the blue cobalt filters and the fixing condition to the metallic frame. If breaks or cracks are present do not use the equipment and call for a skilled technician maintenance.

CLEANING THE BLUE COBALT FILTERS

Clean the filters internally and externally using a 50% solution of water and denatured alcohol.

IMPORTANT! USE ONLY THE DISINFECTANT CLEANSING MULTYSAN TO CLEAN THE ACRYLICS

ANY TAMPERING WITH THE APPLIANCE OR THE USE OF NON-ORIGINAL MATERIAL OR PARTS MAY LEAD TO INJURY. IN SUCH CASES, THE MANUFACTURER DECLINES ALL CIVIL AND PENAL LIABILITY, AND THE WARRANTY SHALL AUTOMATICALLY BE CONSIDERED NULL AND VOID.

INSTRUCTIONS FOR THERMIC PROTECTION REFITTING

The unit is fitted with a protection from the heat that acts when the security temperature exceeds. In case of over-heating the protection acts switching off the lamps.

Each of 5 five columns is equipped with a thermic switch, placed in the first reflector from the head side.

The **PROTECTION IS SELF-RESTORING** that is to say it re-starts automatically when the temperature decreases to a normal value (10/15 minutes depending on the use conditions). After which the unit is ready to start again.

The electronic board SCT/1, situated in the control box ${\bf B}$ on the base, controls thermics.

Each red led matches the number of the column, where the thermic works:

Led 1 on = thermic functioning on column no. 1

Led 2 on = thermic functioning on column no. 2

Led 3 on = thermic functioning on column no. 3

Led 4 on = thermic functioning on column no. 4

Led 5 on = thermic functioning on column no. 5

For switching off leds press the Reset button as shown on the photo.

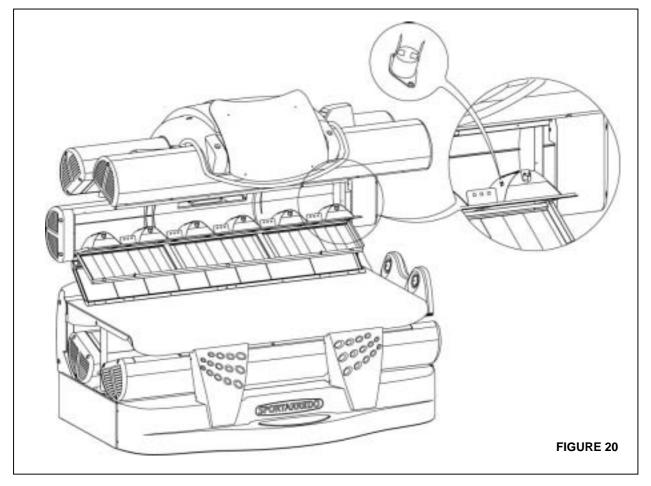
If the reset button is not kept pressed the equipment will nevertheless start again, but in its memory led will remain switched on.

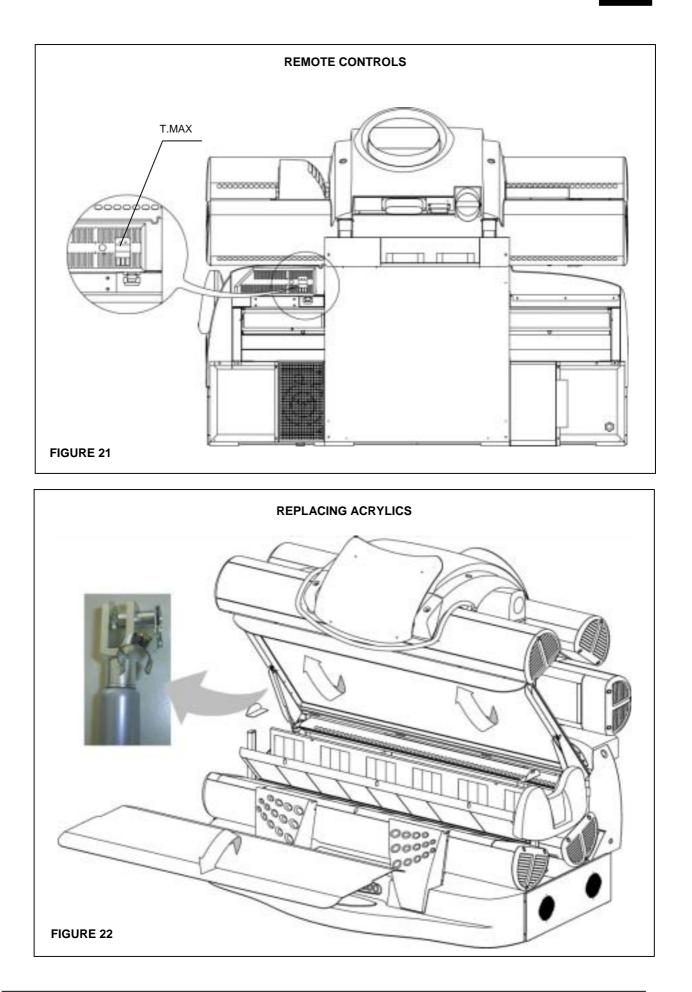
WARNING! In case of stand-by if any connector is disconnected on the SCT/1 led switches on in the column.

WARNING!

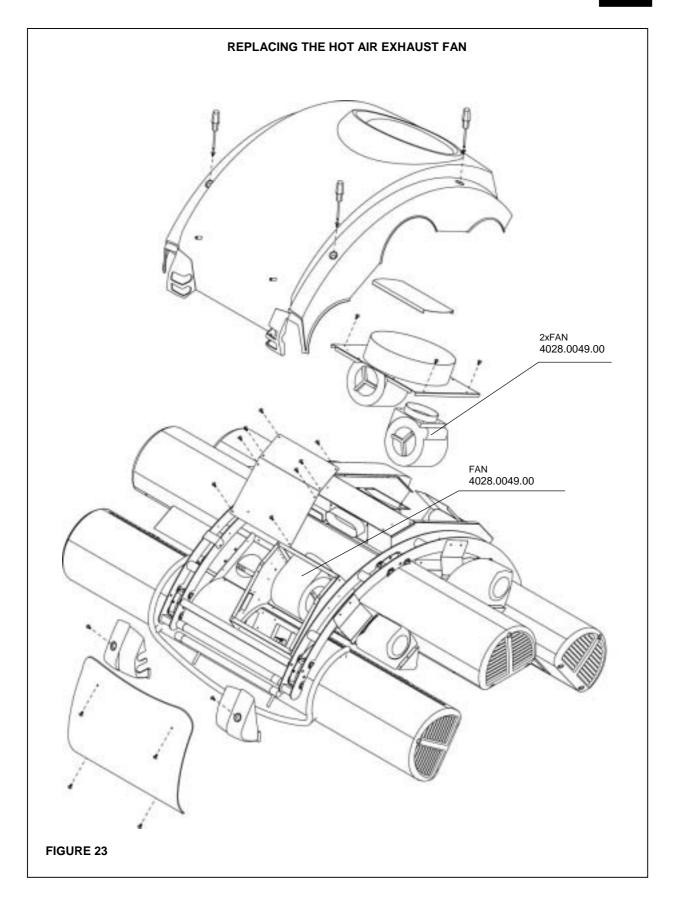
Should the thermal protection come into operation, this means that the equipment is functioning incorrectly. Make sure that the air extraction ducts are free or are not insufficiently. Inform the specialised technician of the problem.





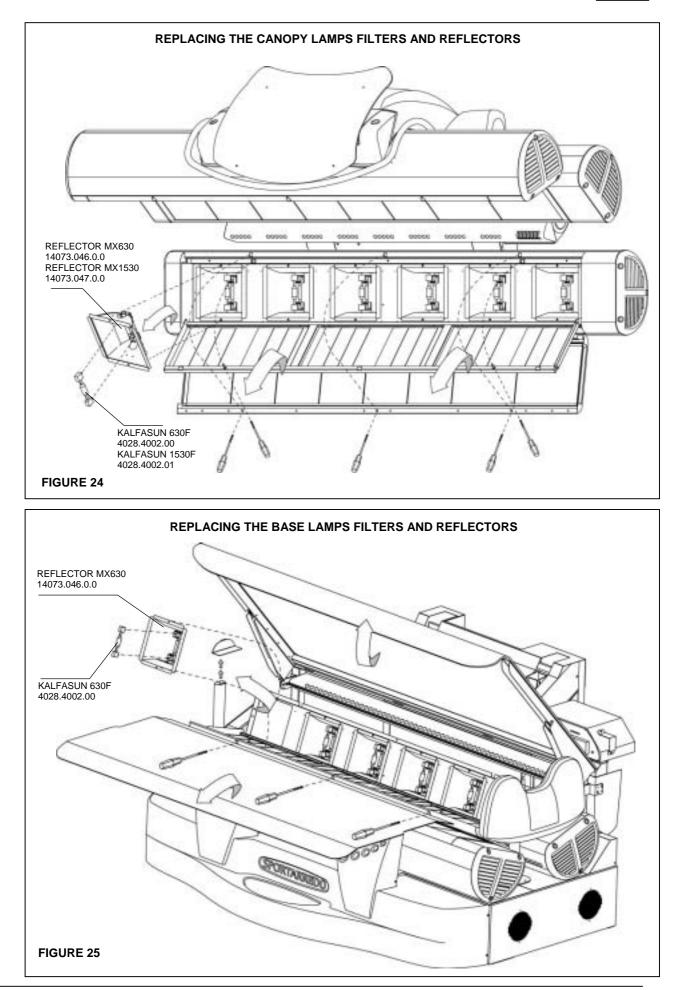


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USA

USA



8.1 PROGRAMMING

Functions (firmware 1.3)	Display	Value	Standard
Session time in minutes for skin type 4	P4	1-40	*
Session time in seconds for skin type 4	S4	0-59	*
Session time in minutes for skin type 3	P3	1-P4	*
Session time in seconds for skin type 3	S3	0-59	*
Session time in minutes for skin type 2	P2	1-P3	*
Session time in seconds for skin type 2	S2	0-59	*
Session time in minutes for skin type 1	P1	1-P2	*
Session time in seconds for skin type 1	S1	0-59	*
Lamp cooling minutes	rF	3-8	*
Value of body ventilation at session start	bl	0-8	6
Value of body ventilation during cooling stage	bF	0-8	*
Minimum body ventilation	bd	0-8	0
Maximum body ventilation	bu	0-8	8
Type of body cooling ventilation:	bt	0-1	0
0=fan			
1=turbo			
Minutes for first coin	Pb	1-3	3
Time in seconds for first coin	Sb	0-59	0
Minutes for subsequent coin or accumulation of coins	Pu	1-3	3
Seconds for subsequent coin or accumulation of coins	Su	0-59	0
How to use	Ac	On-OF	OF
Minutes for start delay and accumulation of coin	rS	0-99	0
Start key on keypad.	tS	On-OF	On
Delay stop on keypad	SS	On-OF	Of
Function face/body selector	St	On-OF	Of
Priority external start	SE	On-OF	On
External start function	CS	On-OF	Of
Relay control on CBR/4	Cb	0-3	0
Delay CBR/4 relay disactivation when start button is loosed	Ct	mSx10	10
** Buzzer enable	b	On-OF	On
** Mid session buzzer enable	b2	On-OF	On
Session time display	uS	On-OF	On
Ascending or descending session time display	AS	On-OF	OF
Operating mode predefined	tF	0-6	0
Residual time to black-out	tr	On-OF	On
1 st Vocal message	n1	On-OF	On
2 nd Vocal message	n2	On-OF	On
3 nd Vocal message	n3	On-OF	On
4 th Vocal message	n4	On-OF	OF
Choice language of the messages	Li	1-6	1

* Value depends on the solarium.

**Only for MPT/4 control board

To modify or read the basic parameters of the MPT/4 or TRS/4 card, programming should be carried out as follows:

Switch on the solarium and press the Time key and then key 2 in sequence and keep them pressed for about four seconds until P4 is displayed.

With ventilation keys + or - choose the function to be modified or displayed.

P4-SESSION TIME IN MINUTES FOR SKIN TYPE 4. IV (Mediterranean) .

The start key displays the data relating to the function to be modified or read.

The ventilation keys + or - modifies the value (or logic status) according to the table.

The **stop** key confirms the value and exits the function. The next function, i.e. S4, is displayed.

S4-SESSION TIME IN SECONDS FOR SKIN TYPE 4. IV (Mediterranean).

The same procedure as per function P4 is repeated. When exiting, P3 is displayed.

P3- SESSION TIME IN MINUTES FOR SKIN TYPE 3. III (European dark skin).

The same procedure as per function P4 is repeated.

When exiting, S3 is displayed.

S3- SESSION TIME IN SECONDS FOR SKIN TYPE 3. III (European dark skin).

The same procedure as per function P4 is repeated. When exiting, P2 is displayed.

P2- SESSION TIME IN MINUTES FOR SKIN TYPE 2. II (European fair skin).

The same procedure as per function P4 is repeated.

When exiting, S2 is displayed.

S2- SESSION TIME IN SECONDS FOR SKIN TYPE 2. II (European fair skin).

The same procedure as per function P4 is repeated. When exiting, P1 is displayed.

P1- SESSION TIME IN MINUTES FOR SKIN TYPE 1. I (Celtic).

The same procedure as per function P4 is repeated. When exiting, S1 is displayed.

S1- SESSION TIME IN SECONDS FOR SKIN TYPE 1. I (Celtic).

The same procedure as per function P4 is repeated. When exiting, rF is displayed.

rF-LAMP COOLING MINUTES.

When rF is displayed, the same procedure as per function P4 is repeated.

When exiting, bl is displayed.

bI-VALUE OF BODY VENTILATION AT SESSION START.

When bl is displayed, the same procedure as per function P4 is repeated.

When exiting, bF is displayed. bF- VALUE OF BODY VENTILATION DURING COOLING STAGE.

When bF is displayed, the same procedure as per function P4 is repeated.

When exiting, bd is displayed.

bd-MINIMUM BODY VENTILATION.

When bd is displayed, the same procedure as per function P4 is repeated.

When exiting, bu is displayed.

bu-MAXIMUM BODY VENTILATION.

When bu is displayed, the same procedure as per function P4 is repeated.

When exiting, bt is displayed.

bt-TYPE OF BODY COOLING VENTILATION.

Enter function bt by pressing the start key. The display shows 0 (fan) or 1 (turbo). Change to 0 or 1, depending on the body cooling fan that is installed in the solarium, by following the same procedure as per function P4. When exiting, Pb is displayed.

Pb-MINUTES FOR FIRST COIN.

When Pb is displayed, the minutes for start of session with coin can be modified by following the same procedure as per function P4.

When exiting, Sb is displayed.

Sb-TIME IN SECONDS FOR FIRST COIN.

When Sb is displayed, the seconds for start of session with coin can be modified by following the same procedure as per function P4.

When exiting, Pu is displayed.

FOR SUBSEQUENT Pu-MINUTES COIN OR ACCUMULATION OF COINS.

When Pu is displayed, the minutes for start of session with subsequent coins or accumulation of coins can be modified by following the same procedure as per function P4.

When exiting, Su is displayed.

Su-SECONDS FOR SUBSEQUENT COIN OR ACCUMULATION OF COINS.

When Su is displayed, the seconds for start of session with subsequent coins or accumulation of coins can be modified by following the same procedure as per function P4.

When exiting, Ac is displayed.

Ac-COIN ACCUMULATION FUNCTION.

When Ac is displayed, accumulation of coins is enabled (On) or disabled (OF) by following the same procedure as per function P4.

This function is operative if rS is other than 0.

When exiting, rS is displayed.

rS- MINUTES FOR START DELAY AND ACCUMULATION OF COIN.

When rS is displayed, the session start time delay can be modified by following the same procedure as per function P4.

If, for example, the value of this function is 2, the

solarium starts after 2 minutes from pressing the start key. If the start key is pressed again, the solarium starts immediately.

If, however, the value is set to 99, the solarium remains in stand-by.

When exiting, tS is displayed.

tS- START KEY ON KEYPAD.

When tS is displayed, the start key on the keypad can be enabled (On) or disabled (OF) by following the same procedure as per function P4.

When exiting, SS is displayed.

SS - DELAY STOP ON KEYPAD

When SS is displayed, the stop key on the keypad can be delated for 3 seconds (On) or normally operated (OF) by following the same procedure as per function P4.

When exiting, St is displayed.

St - FUNCTION FACE/BODY SELECTOR

When St is displayed, the face/body selector on the keypad can be disabled before Start (OF) or enabled during the session (On) by following the same procedure as per function P4.

When exiting, SE is displayed.

SE- PRIORITY EXTERNAL START.

When SE is displayed, the priority external start on the keypad can be enabled (On) or disabled (OF) by following the same procedure as per function P4.

When exiting, CS is displayed.

CS - EXTERNAL START FUNCTION

When CS is displayed, the external button to the Start can be disabled through a bridge (OF) or enabled without a bridge (On) by following the same procedure as per function P4.

When exiting, Cb is displayed.

Cb- RELAY CONTROL ON CBR/4.

Enter function Cb by pressing the start key. With ventilation keys + or – choose the function to be modified or displayed:

00 - CBR/4 relay disabled.

01 - The relay the contacts RUNN (7-8) on the CBR/4 board when the unit makes the session.

- 02 The relay closes the contacts RUNN (7-8) on the CBR/4 board when the unit makes the session and final ventilation.
- 03 The relay closes the contacts RUNN (7-8) on the CBR/4 board when the key start is pushing.

When exiting, Ct is displayed.

Ct-DELAY CBR/4 RELAY DISACTIVATION WHEN START BUTTON IS LOOSED

When Ct is displayed, the function to modify the delay (on milliseconds) of the relay CBR/4 disable activation can be obtained when the START button is loosed only with Cb at point 03 and with the same procedure as per function P4.

When exiting, b is displayed.

b- BUZZER ENABLE.

When b is displayed, the card loud speaker can be enabled (On) or disabled (OF) by following the same procedure as per function P4.

When exiting, b2 is displayed.

b2- MID SESSION BUZZER ENABLE.

When b2 is displayed, the card loud speaker is enabled (On) or disabled (OF) half-way through the session by following the same procedure as per function P4. When exiting, uS is displayed. **uS**-SESSION TIME DISPLAY.

When uS is displayed, the solarium session time can be enabled (On) or disabled (OF) by following the same procedure as per function P4.

When exiting, AS is displayed.

AS-ASCENDING OR DESCENDING SESSION TIME DISPLAY.

When AS is displayed, the time in ascending (On) or descending (OF) mode can be visualised by following the same procedure as per function P4.

When exiting, tF is displayed.

tF - OPERATING MODE PREDEFINED

Enter function tF by pressing the start key. With ventilation keys + or - choose the function to be modified or displayed:

00 - Operating mode standard or default.

- 01 Operating mode with CARD without the choice of skin type and price for session.
- 02 Operating mode with CARD and price for time to definition.
- 03 Operating mode with CARD with the choice of skin type and price for session.
- 04 Operating mode with external timer.
- 05 Operating mode with computer (external control).
- 06 Operating mode with CARD with the time price (dynamic charge).

When exiting, tr is displayed.

tr - RESIDUAL TIME TO BLACK-OUT

When tr is displayed, the function to memorize (On) or enable (OF) the residual time is on if a black-out occurs during the session with the same procedure as per function P4.

When exiting, n1 is displayed.

n1-FIRST VOCAL MESSAGE.

When n1 is displayed, the vocal message can be enabled (On) or disabled (OF) by following the same procedure as per function P4.

When exiting, n2 is displayed.

n2-SECOND VOCAL MESSAGE.

When n2 is displayed, the vocal message can be enabled (On) or disabled (OF) by following the same procedure as per function P4.

When exiting, n3 is displayed.

n3-THIRD VOCAL MESSAGE.

When n3 is displayed, the vocal message can be enabled (On) or disabled (OF) by following the same procedure as per function P4.

When exiting, n4 is displayed.

n4-FOURTH VOCAL MESSAGE.

When n4 is displayed, the vocal message can be enabled (On) or disabled (OF) by following the same procedure as per function P4. When exiting, Li is displayed. Li-CHOICE LANGUAGE OF THE MESSAGES. When Li is displayed, choose one of the 6 languages by following the same procedure as per function P4. 01=Italiano 02=English 03=Español 04=Greek 05-06=free When exiting, P4 is displayed.

At this point, programming has been completed. To return to normal operation, switch off and reset.

Maintenance functions	Display
To zero for filter cleaning	PL.
To zero for bulb replacement	SL.
Display of number of sessions	nS.
Display of lamp operating hours	oL.
Display of filter operating hours	oF.
Display of total solarium operating hours	oS.
Display of firmware card date	dC.

To modify or read the maintenance functions of the TRS/4 or TRS/4 card, programming should be carried out as follows:

Switch on the solarium and press the **Time decrease** key and then key **1** in sequence and keep them pressed for about four seconds until PL is displayed.

With ventilation keys + or – choose the function to be modified or displayed.

PL- TO ZERO FOR FILTER CLEANING

When PL. is displayed, press start to enter the function. PL without the point is displayed. Press the start key again and the display flashes for a few seconds.

At this point the hours are zeroed and the associated lamp switches off.

Press the stop key to confirm the data. By pressing ventilation key + the following SL function is displayed

SL- TO ZERO FOR BULB REPLACEMENT

When SL. is displayed, press start to enter the function. SL without the point is displayed. Press the start key again and the display flashes for a few seconds.

At this point the hours are zeroed and the associated lamp switches off.

Press the stop key to confirm the data. By pressing ventilation key + the following nS function is displayed

nS- DISPLAY OF NUMBER OF SESSIONS. When nS is displayed, press start to enter the function. The format of the data displayed is as follows:

position "." number

position: indicates the value of the figure. E.g.: 1 for units, 2 for tens, 3 for hundreds ...and so on. **number**: indicates the value of the figure relating to the position.

E.g.: the card has carried out 008594 sessions.	
When pressing the start key, the display shows	1.4
When pressing the start key again	2.9
When pressing the start key again	3.5
When pressing the start key again	4.8
Therefore, the figure is 8594	

If the start key is pressed again, the display again shows the data indicated in position 1.

Note: even if the card memorises a maximum of 6 figures, the zeros on the left-hand side are not displayed.

Press the stop key to exit the function and oL is displayed.

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When oL is displayed, press start to enter the function. The number of lamp operating hours is displayed. To read the number, repeat the same sequence as per function nS. Press the stop button to exit the function and oF is displayed.

oF- DISPLAY OF FILTER OPERATING HOURS.

When oF is displayed, press start to enter the function. The number of filter operating hours is displayed. To read the number, repeat the same sequence as per function nS. Press the stop button to exit the function and oS is displayed.

oS- DISPLAY OF TOTAL SOLARIUM OPERATING HOURS.

When oS is displayed, press start to enter the function. The total number of solarium operating hours is displayed. To read the number, repeat the same sequence as per function nS. Press the stop button to exit the function oS. When exiting, dC is displayed.

dC- DISPLAY OF FIRMWARE (software microcontroller) CARD DATE.

When dC is displayed, press start to enter the function. The year and then the week of the firmware is displayed.

E.g.:

When pressing the start key, the display shows	1.4
When pressing the start key again	2.0
When pressing the start key again	3.4
When pressing the start key again	4.3

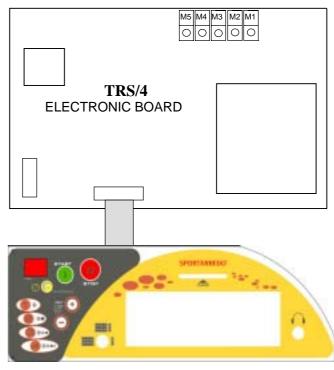
Therefore, the figure is 3404. In practice the firmware is of the 34th week of year 2004.

If the start key is pressed again, the display again shows the data indicated in position 1.

Press the stop key to exit the dC function. When exiting, PL is displayed.

At this point, programming has been completed. To return to normal operation, switch off and reset.

8.2 ELECTRONIC CONTROL BOARD CONNECTIONS



CIRCUIT BOARD TERMINALS: NUMBERING AND DESCRIPTION

1	Power supply phase.
2	Power supply neutral
3	Control phase for lamps switch-on
4	Alimentation phase
5	Control phase for body-cooling ventilation

IMPORTANT ! ALWAYS DISCONNECT THE MACHINE FROM THE POWER SUPPLY BY PRESSING BREAKER BEFORE CARRYING OUT MAINTENANCE

ANY TAMPERING WITH THE APPLIANCE OR THE USE OF NON-ORIGINAL MATERIAL OR PARTS MAY LEAD TO INJURY. IN SUCH CASES, THE MANUFACTURER DECLINES ALL CIVIL AND PENAL LIABILITY, AND THE WARRANTY SHALL AUTOMATICALLY BE CONSIDERED NULL AND VOID.

9 - TROUBLESHOOTING AND RAPID DIAGNOSTICS

9.1 TROUBLESHOOTING AND RAPID DIAGNOSTICS

- · The solarium does not switch on and the pushbutton display panel does not light.
- 1 Check the position of the lever on the overload cutout switch.
- 2 Check that the power supply terminal board is connected to the power supply.
- See "MASTERSUN 360 2/10" circuit diagram.
- 3 Check the fuses on the timer board "TRS/4". 4 - Check the voltage (230V ~) across terminals 1 and
- 2 on board "TRS/4".
 - See "MASTERSUN 360 9/10" circuit diagram.
- 5 The canopy and base lamps are switched off, the thermic protection is now working (see figure 20); make sure that the air extraction ducts are free or are not insufficiently.
- The display panel lights up but the solarium does not switch on when START is pressed.
- 1 Switch the solarium off using the overload cut-out switch, wait 5 seconds and then switch on again.
- The display panel lights up but when START is pressed the ventilation system only is switched on.
- 1 Check that remote control switch "HR1-HR2" operate correctly.
 - See MASTERSUN 360 2/10 circuit diagram.
- 2 Check the voltage 230V ~ across terminals 2 and 3 of the timer board "TRS/4". See "MASTERSUN 360 9/10" circuit diagram.
- The display panel lights up but when START is pressed only the lamps switch on (no ventilation).
- 1 Check that remote control switch "HRV" operates correctly.
- See "MASTERSUN 360 2/10" circuit diagram. 2 - Check the voltage 230V ~ across terminals 2 and 4 of the timer board "TRS/4"
 - See "MASTERSUN 360 9/10" circuit diagram.
- Body cooling system inoperative or cannot be regulated.
- 1 Check the voltage (variable up to a maximum of 230V ~) across terminals 2 and 5 of the timer board "TRS/4"
 - See "MASTERSUN 360 2/10" circuit diagram.
- One lamp of the high pressure does not switch on.
- 1 Check for voltage on the wiring to the lamp. Check the ignition ballast or the ignitor for the lamp.

WARNING: The central terminals of the igniters for the high-pressure lamps carry extremely high voltage.

- The radio does not work.
- 1 Check that the output of the power supply module "AL-12" carries 12Vdc. See "MASTERSUN 360 2/10" circuit diagram.

10 - DEMOLITION AND WASTE MATERIALS

10.1 WASTE MATERIALS

The lamps are considered as disposable waste materials and all the materials regarding the packing. Due to their characteristics, these lamps are classified as non-toxic and non-harmful special waste materials. Disposal of the lamps must therefore be effected as required by the appropriate legislation.

DEFINITION OF SPECIAL WASTE MATERIAL: Residual material deriving from industrial processes or agricultural, artisan, commercial or service activities which, in view of their quantity of characteristics, are not classified as normal household refuse.

10.2 DEMOLITION OF THE MACHINE

Each country applies specific legislation concerning the disposal of machinery. Disposal of this machine must be carried out in compliance with the regulations laid down by local legislation and bye-laws. Dismantle the machine and group the various parts according to their chemical characteristics.

Dismantling of the machine must be performed by qualified personnel

11 - REPLACEMENTS AND CIRCUIT DIAGRAMS

11.1 SPARE PARTS LIST

REF	PC	CODE	DESCRIPTION
1	7	4028.4400.03	ZRM12 ES B IGNITOR
2	23	4028.4400.04	ZRM6 ES B IGNITOR
3	1	4028.1003.04	12V FEEDER
4	1	4028.1002.09	18W MEC FEEDER
5	1	4028.1002.08	36W MEC FEEDER
6	7	16973.001.0.0	MYSUN 1500W BALLAST
7	23	16973.000.0.0	MYSUN 600W BALLAST
8	2	4027.3030.04	LOUDSPEAKER
9	2	4025.7000.20	400N ACTUATOR
10	1	4027.3028.01	ANTENNA
11	1	4027.3025.04	CD/RADIO
12	4	4028.4307.06	1,5µF CONDENSER
13	1	4028.4310.00	2,5µF CONDENSER
14	9	4028.4304.00	20µF CONDENSER
15	21	4028.4300.00	65µF CONDENSER
16	1	4028.6000.01	REVALCO HOUR-COUNTER
17	1	4028.2101.10	CONTACT FOR SELECTOR
18	1	4028.2100.10	FANTINI&COSMI HR 46 CONTACTOR
19	2	4028.2100.04	FANTINI&COSMI HR 1710 CONTACTOR
20	1	4028.2100.06	FANTINI&COSMI HR 2510 CONTACTOR
21	90	16976.004.0.0	COBALT FILTER 230X75
22	10	16976.006.0.0	SUPERLUX FILTER TR-T 26X30
23	30	16976.051.0.0	SUPERLUX FILTER TR-T 26X21
24	22	4028.3127.01	10,3x38 - 12A FUSE
25	2	4028.3125.06	5x20 - 6,3A FUSE
26	7	4028.4002.01	KALFASUN 1530F LAMP
27	23	4028.4002.00	KALFASUN 630F LAMP
28	3	4028.4013.09	OSRAM LAMP 18W
29	3	16960.008.0.0	TRACTION SPRING
30	7	14073.047.0.0	MX1530 REFLECTOR
31	23	14073.046.0.0	MX630 REFLECTOR
32	1	16926.122.0.0	ACRYLIC INTERMEDIATE
33	1	16946.412.0.0	ACRYLIC BED
34	1	16946.422.0.0	ACRYLIC WITH SILKSCREEN
35	3	4028.3311.01	NEON HOLDER WITH STARTER
36	3	4028.3311.00	NEON HOLDER WITHOUT STARTER
37	2	4028.2140.05	THERMIC PROTECTION 90°C
38	3	4028.2140.06	THERMIC PROTECTION 110°C
39	1	4028.4502.03	T-MAX RELAY
40	1	15906.026.0.0	ELECTRONIC BOARD FOR PANEL JACK
41	1	15906.038.0.0	TRS/4 ELECTRONIC CONTROL BOARD
42	1	14003.087.0.0	TRS/4 ELECTRONIC CONTROL BOARD COMPLETE
43	1	14703.033.0.0	CARD ACCEPTOR
44	1	14003.091.0.0	SCT/1 CONTROL CIRCUIT BOARD FOR THERMICS
45	1	4028.2187.03	SELECTOR
46	5	4026.1010.04	MICRO SWITCH
47	1	4028.4502.03	RELAY FOR MICRO SWITCH

48	3	4028.4021.00	STARTER
49	1	16916.089.0.0	ORANGE LITTLE CARPET
50	1	16916.090.0.0	CUSHION
51	1	15906.045.0.0	KEYBOARD
52	1	4028.2116.04	TIMER OMRON
53	3	4028.0050.00	ECOFIT 2GDS15 120X126L FAN
54	6	4028.0049.00	EBM D2E 146-HT FAN
55	4	4028.0043.01	EBM D2E 097 FAN
56	2	4028.0021.00	EBM W2S/130 AA0301 FAN
57	1	16946.418.0.0	ORANGE CAP RIGHT OF CANOPY
58	1	16946.419.0.0	ORANGE CAP LEFT OF CANOPY
59	1	15946.045.0.0	ORANGE COVER FOR LOUDSPEAKERS
60	1	15946.042.0.0	BASE FRONT COVER
61	1	15946.043.0.0	ORANGE BASE COVERING WITH HOLES (RIGHT)
62	1	15946.044.0.0	ORANGE BASE COVERING WITH HOLES (LEFT)
63	10	16946.416.0.0	GRID COVERING FOR COLUMN
64	1	16946.417.0.0	LATERAL COVERING
65	1	16946.420.0.0	LATERAL COVERING RIGHT
66	1	16946.421.0.0	LATERAL COVERING LEFT
67	1	15946.047.0.0	ORANGE COVERING OF CANOPY
68	2	15946.046.0.0	FAN COVERING OF CANOPY

11.2 CIRCUIT DIAGRAMS LEGEND

SYMBOLS DESCRIPTION		
A1+A12 (see diagram legend)A1+A7 4028.1000.04Ballast for KALFASUN 1530F lamps (see diagram legend)AC 4028.1000.04Igniters for KALFASUN 1530F lamps (see diagram legend)AC1 4028.400.03Igniters for KALFASUN 1530F lamps (see diagram legend)AC1 4028.400.03Igniters for KALFASUN 1530F lamps (see diagram legend)AL12 4028.400.04Power supply circuit board for 12Vdc radio/CDC 4028.4300.001,5µF condenser (see circuit diagram legend)C1 4028.4310.002,5µF condenser (see circuit diagram legend)C2 4028.4300.0020µF condenser (see circuit diagram legend)C1 4028.4300.0020µF condenser (see circuit diagram legend)C1 65µF condenser (see circuit diagram legend)C1 60µF condenser (see circuit diagram legend)C1 CNB116-pin connector for ballasts box base (columns 1-2) - base column 1CNB216-pin connector for ballasts box base (columns 1-2) - base column 2CNC Dopin connector for control box - ballasts box canopy (columns 3-5)CNRT CNRT CNRV24-pin connector for control box - ballasts box face (column 4)CNT3 CNT4 16-pin connector for ballast box canopy (columns 3-5) - canopy column 4CNT5 CO CO CO COUmm 4)16-pin connector for ballast box canopy (columns 3-5) - canopy column 4CNT4 C014 Contactor for 1 st startingF23 C028.600.016,3A fuse type AT(see fuses and connector circuit diagram legend)F24 C0 C0 C0 C0 C0 C0 C0 C0 <th></th> <th></th>		
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4028.4002.00 KALFASUN 1530F lamps 4028.4001.01 KALFASUN 1530F lamps	15906.026.0.0	
4028.4001.01	_	KALFASUN 630F lamps
L1-L2-L3 Phase terminals		KALFASUN 1530F lamps
	L1-L2-L3	Phase terminals

М	16-pin lateral terminal board
MAL	Power supply terminal board
MB	18-pin base terminal board
MB1-2	4-pin fan terminal board
MC	1-pin control board terminal board
ML	3-pin lateral terminal board
MT	20-pin canopy box terminal board
MV	17-pin face terminal board
R 4028.1002.08	Ballast 36W
RA 4027.3025.04	Radio/CD
RP 4028.4502.03	Relay for micro switch
RSP-LSP 4027.3030.04	Loudspeakers
RU 4028.4502.03	Remote control relay
SA 4028.4020.03	Selector
SCT-1	Control circuit board for thermics
SW 4026.1010.04	Micro switch
T 4028.2116.04	Timer
TP1 4028.2140.05	Thermic protection 90°C on base
TP2 4028.2140.06	Thermic protection 110°C on canopy
TRS/4 14003.087.0.0	Control board complete
V 4028.0050.00	Cooling columns of canopy fan
V 4028.0043.01	Cooling columns of base fan
VB 4028.0049.00	Cooling columns of base fan
VC 4028.0049.00	Body fan
VP 4028.0049.00	Cooling acrylic base fan
VR1-VR2 4028.0021.00	Cooling ballast box
VT 4028.0049.00	Sky air exhaust fan
VV1-VV2 4028.0043.01	Cooling face fan

DESCRIPTION CIRCUIT DIAGRAMS

1/10 Voltage change diagram.
2/10 Practical diagram of control.
3/10 Practical diagram of base ballasts nr.1 and 2.
4/10 Practical diagram of face ballasts box nr.4.
5/10 Practical diagram of canopy ballasts nr.3 and 5.
6/10 Wiring diagram for columns nr.1 and 2 of base.
7/10 Wiring diagram for columns nr.3-4-5 of canopy.
8/10 10 Wiring diagram of lateral.
9/10 Control board diagram.
10/10 Fuses and connectors diagram.

12.1 MEDICATION

Certain drugs can make your skin sensitive to ultraviolet light. The U.S. Department of Health and Human Services has published a booklet entitled <u>Medications</u> <u>That Increase Sensitivity to Light</u>; A 1990 Listing prepared by Jerome: Levine, M.S., R.Ph: The booklet is HHS Publication FDA 91-8280 and is available from the U.S. Government Printing Office: Refer to this booklet or your health practitioner if you are taking any medications.

Dr. Richard Childers and Dr. Edward Emmett of Jhon Hopkins University complied a list of drugs, foods, and other substances that could make your skin sensitive to ultraviolet light: This list is presented below:

- Diuretics (which help prevent water retention), prescribed for high blood pressure (for example, Hydrodiuril).
- Diabetes drugs-Orinase and Diabinase.
- Urinary tract infection treatments with phenothiazines.
- Tranquilizers, such as Thorazine.
- The acne treatment Retin-A.
- Anthistamines-Phenergan and Benadrylparticularity when they are used on the skin in ointment form.
- Antibiotics-Declomycin, Aureozicin, and Griseofulvin, which is use in ringworm treatment.
- Coal tar treatment for psoriasis or chronic eczema.
- Bacterial infection treatments using sulfanilamide.
- Compounds known as furocoumarins or psoralens, which sensitise skin to sunlight whether put on the skin or taken orally. They are prescribed for vitiligo (loss of skin pigmentation) and psoriasis.
- Birth control pills. The hormones they contain can react with sunlight and in some cases cause brown patches on the skin.
- Perfumes and colognes containing furocoumarins, compounds from natural products such as plants and fruits. Their natural oils cad sensitise the skin to sunlight.
- Food and fruits that contain photosensitising agents: celery, carrots, limes, coriander, parsley, fennel, dill, buttercup, mustard and figs.

13 - WARRANTY 13.1 LIMITED WARRANTY

For **USA** see next page.



TERMS OF WARRANTY

Sportarredo USA, Inc. ("Sportarredo") warrants its tanning beds (the "Products") to be free from defects in materials and workmanship under intended normal use as described in the unit's Operation and Instruction Manual, for a period of two (2) years (the Warranty Period") from date of sale (proved by the invoice's date). This Limited Warranty does not cover the normal wear and tear of the Products.

This Limited Warranty applies only within the United States and Canada to the first end user (the "Buyer") of the Products and becomes void on the transfer or sale of the Products to any party other than the Buyer.

I. Registration Requirement

a. This Limited Warranty becomes effective only if the Buyer fills out and returns the Warranty Certificate, dated and signed by the Buyer, to Sportarredo at the address shown below within thirty (30) days of the sale of the Products.

b. By returning the Warranty Certificate to Sportarredo, the Buyer acknowledges to have fully read and understood the user's manual, and to have complied with all the instructions stated in that document.

II. Installation and Maintenance Requirements

a. This Limited Warranty does not apply when the installation has not been performed by Sportarredo's trained and certified technician. For the sake of clarity, the technicians have to be certified by Sportarredo, after attending Sportarredo's training courses.

b. This Limited Warranty does not apply if the Products are misused or abused, and there is evidence of mishandling, neglect, modification or repair without the approval of Sportarredo, or damage done to the Products by anyone other than Sportarredo.

c. This Limited Warranty does not apply to damages caused during transportation (including transport to and from the Buyer's location); or damage due to improper or lack of maintenance; voltage overloads or "under voltage"; insufficient or abnormal operation of electrical or hydraulic systems; improper or incorrect treatment of water supply; or corrosion caused by condensation or hard water; improper descaling treatments; or in general to any cause which does not specifically depend on defect in material or workmanship.

d. This Limited Warranty does not apply if the serial number on the product has been removed, altered or defaced.

III. Warranty Claim Procedure

In order to submit a Warranty Claim, the Buyer must provide Sportarredo with a written notice of any alleged defects within the Warranty Period, but in any case after no more than ten (10) days from the date of the discovery of the defects. At Sportarredo's option, the Buyer must ship the defective Product(s) to Sportarredo, at the address shown below, with mailing or shipping charged prepaid. Sportarredo shall be liable for and shall pay for the all freight, shipping and delivery costs of forwarding parts sent to Sportarredo for repair or replacement under the Limited Warranty. The Buyer shall be liable and pay for all labor and transportation charges in the event of a house call by an unauthorized technician. Adequate packaging must be used for returned goods to prevent freight damages.

IV. Warranty Services

a. Defective parts will be replaced upon receipt by Sportarredo. Only original parts obtained through Sportarredo USA Inc., its authorized dealers or distributors may be used. Shipping terms, methods, etc. must be pre-approved by Sportarredo prior to the return of the parts in question. Parts, etc. shipped to Sportarredo without prior approval will be refused and the owner/shipper will be responsible for all related shipping costs etc.

b. If the Products shall be proved to Sportarredo's satisfaction to be defective within the Warranty Period, Sportarredo's obligation under this Limited Warranty shall be limited to either repairing or replacing the Products, at Sportarredo's sole discretion, if such defect was caused solely by defective workmanship and materials. Such repair or replacement shall be Sportarredo's sole obligation and the Buyer's exclusive remedy hereunder and shall be conditioned upon the Buyer's fulfilling of its obligations under Warranty Claims Procedure. The obligations under this warranty are limited to repair or replacement of any defective part without charge for that part to the original purchaser, with the following exceptions:

1. Tanning lamps, filters, starters and igniters are warranted against defects for a period of sixty (60) days from date of sale.

2. Radios and speakers are warranted by the radio and speaker Sportarredo for the period of time indicated in their warranty certificates.

3. Labor will be furnished without charge for sixty (60) days from the date of purchase only. All labor and related charges must be authorized by Sportarredo USA Inc. prior to start of repairs, and must conform with Sportarredo USA Inc. established rates and time allotment policy.

4. All fans and batteries are warranted against defects for a period of two (2) years from date of sale.

5. Timer system, plastics reflectors and parts subjected to "normal" wear & tear (meaning parts intended to be used by the final customer during each session, as buttons, switches, profiles, etc) are warranted for one (1) year.

6. Acrylics are warranted for twelve (12) month prorated period (this warranty applies only if the "owner" of the units has used appropriate cleaners).

7. Mattresses and pillows are warranted for a period of six (6) months from the date of sale.

V. Exclusion from Limited Warranty

The following are not covered by this Limited Warranty

Scratches, splinters, or marks to the Products, unless Sportarredo is notified as soon as the Products are received by the Buyer;

Normal wear and tear;

Defects not caused by the Products, but that are the result of improper installation;

Misuse or abuse by the Buyer;

Physical damage to the Product as a result of unreasonable use and/or negligence.



VI. Limitations on Warranty

This Limited Warranty is provided by Sportarredo, and it contains the only express warranty provided to the Buyer by Sportarredo. Sportarredo does not authorize any other person, including distributors, subdistributors, agents, to give any other warranties on Sportarredo's behalf.

SPORTARREDO DISCLAIMS ANY **EXPRESS** WARRANTY NOT PROVIDED HEREIN AND ANY IMPLIED WARRANTY, GUARANTY OR REPRESENTATION AS TO PERFORMANCE, QUALITY AND ABSENCE OF HIDDEN DEFECTS, AND ANY REMEDY FOR BREACH OF CONTRACT, WHICH BUT FOR THIS PROVISION, MIGHT ARISE BY IMPLICATION, OPERATION OF LAW, CUSTOM OF TRADE OR COURSE OF DEALING, INCLUDING IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE. SPORTARREDO FURTHER DISCLAIMS ANY RESPONSIBILITY FOR LOSSES, EXPENSES SPECIAL, INCONVENIENCES, INDIRECT, SECONDARY OR CONSEQUENTIAL, INCIDENTAL, AND CONTINGENT DAMAGES WHATSOEVER, INCLUDING DAMAGES ARISING FROM **OWNERSHIP OR USE OF PRODUCT.**

Implied warranties in jurisdictions where they may not be disclaimed shall be in effect only for the duration of the express warranty set forth herein.

If the Buyer has a claim under this Limited Warranty or under any implied warranties provided to the Buyer by state law, the Buyer may not file a court action based on that claim any later than one (1) year after the Buyer's right to file a court action accrues. In those states that do not allow this limitation on the time period for filing a court action, this provision is inapplicable.

VII. Sportarredo's Liability

a. Sportarredo's liability with respect to the Product sold to the Buyer shall be limited to the Limited Warranty provided herein. Sportarredo SHALL NOT BE SUBJECT TO ANY OTHER OBLIGATIONS OR LIABILITIES, WHETHER ARISING OUT OF BREACH OF CONTRACT, WARRANTY, TORT (INCLUDING NEGLIGENCE AND STRICT LIABILITY) OR OTHER THEORIES OF LAW, WITH RESPECT TO THE PRODUCTS SOLD OR SERVICES RENDERED BY SPORTARREDO, OR ANY UNDERTAKING, ACTS OR OMISSIONS RELATING THERETO.

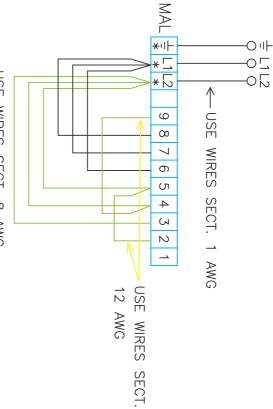
b. Without limiting the foregoing, Sportarredo specifically disclaims any liability for property or personal injury damages, penalties, special or punitive damages, damages for lost profits or revenues, services, down time, shut down or slow down costs, or for any other types of economic loss, and for claims of the Buver's customers or any third party for any such damages. Sportarredo SHALL NOT BE LIABLE FOR AND DISCLAIMS ALL CONSEQUENTIAL, CONTIGENT DAMAGES INCIDENTAL. AND WHATSOEVER.

CODICE CASS./CABL,: -		1 1	1 1	- -	CODICE: 10097.026.0.0 (230V 3F 60Hz)	JAT LIK (HAKKLU), * Via dell'halustria, 7 3020 GRUARD (VE) tel. 0421/767630 - fax 767633 PRUPRITAK RISCEVATA DELLA DITTA S'DRTARREDO E'vietato riprodurre o comunicare a terzi I contenuto del presente disegno	SONDT ADDENN SAA
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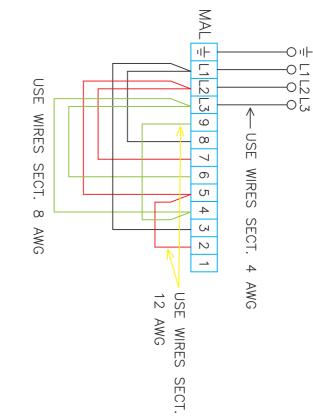
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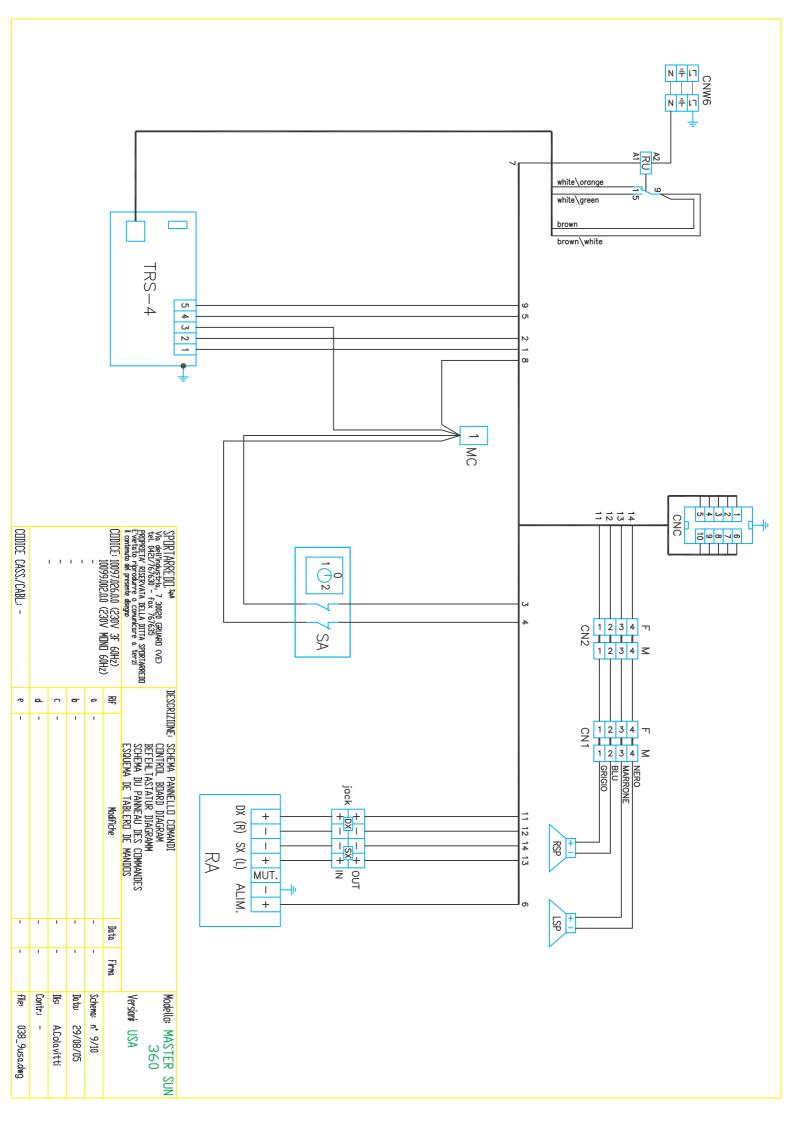
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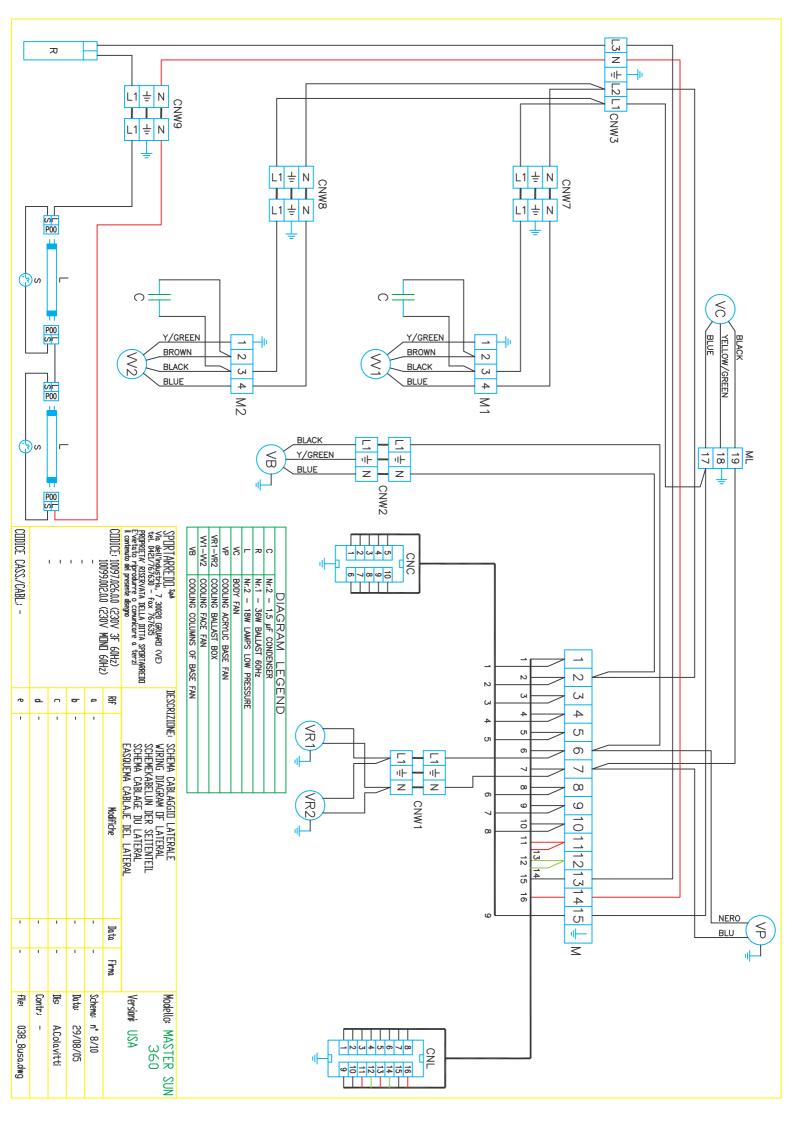












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AC1-AC5

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SW TP2

Nr.1 MICROSWITCH N.1 THERMIC

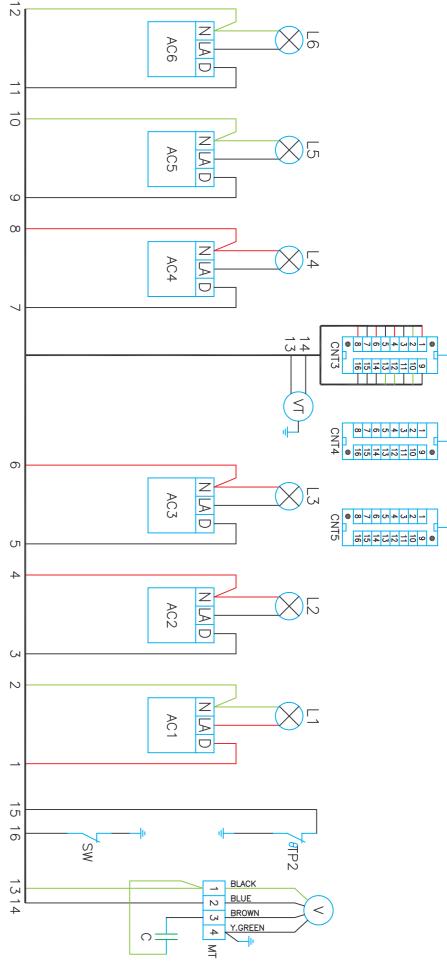
AC6 L1-L5

> N.1 – 2,5µF CONDENSER N.5 – 1000W IGNITER N.1 – 600W IGNITER

< 국 6

N.5 LAMP 1500W HIGH PRESSURE N.1 LAMP 600W HIGH PRESSURE SKY AIR EXHAUST FAN COOLING COLUMNS OF CANOPY FAN

-	
DIAGRAM	DIAGRAM LEGEND FOR CANOPY COLUMNS Nr.3 AND 5
WS	Nr.1 MICROSWITCH
TP2	N.1 THERMIC
С	N.1 – 2,5µF CONDENSER
AC1	N.1 – 1000W IGNITER
AC2-AC6	N.5 – 600W IGNITER
L1	N.1 LAMP 1500W HIGH PRESSURE
L2-L6	N.5 LAMP 600W HIGH PRESSURE
Ч	SKY AIR EXHAUST FAN
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DIAG	DIAGRAM LEGEND FOR CANOPY COLUMN Nr.4





TP1

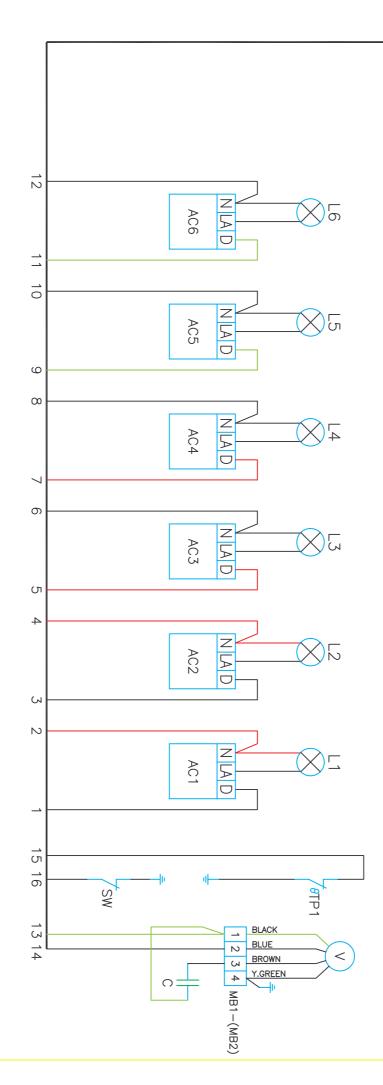
Nr.1 THERMIC Nr.1 MICROSWITCH

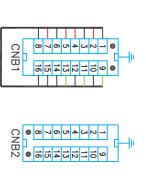
DIAGRAM

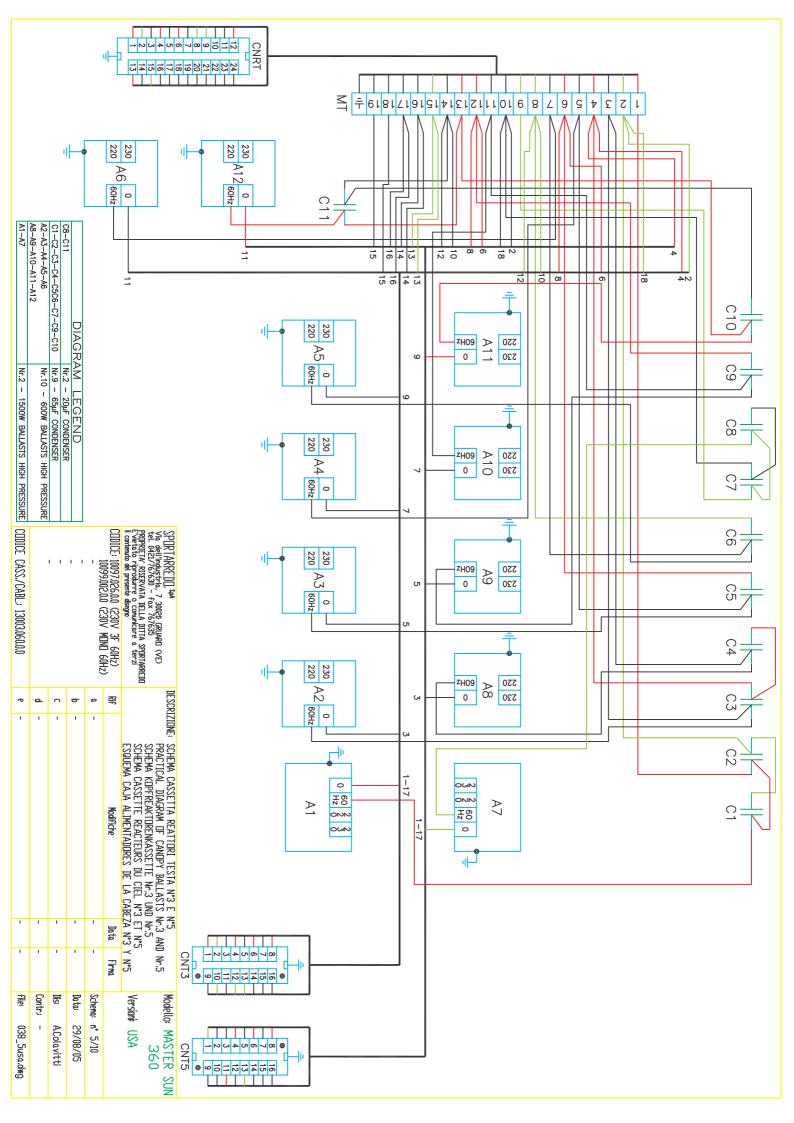
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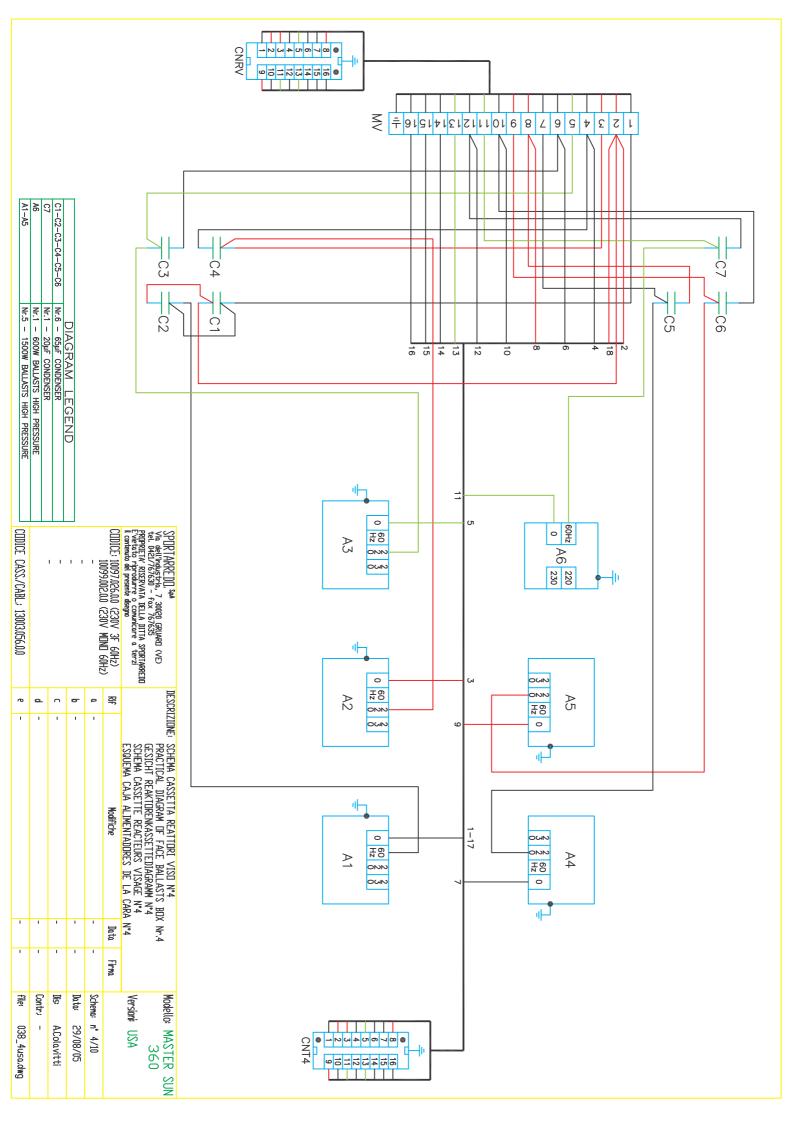
Nr.6 - 600W IGNITERS Nr.1 - 1,5µF CONDENSER

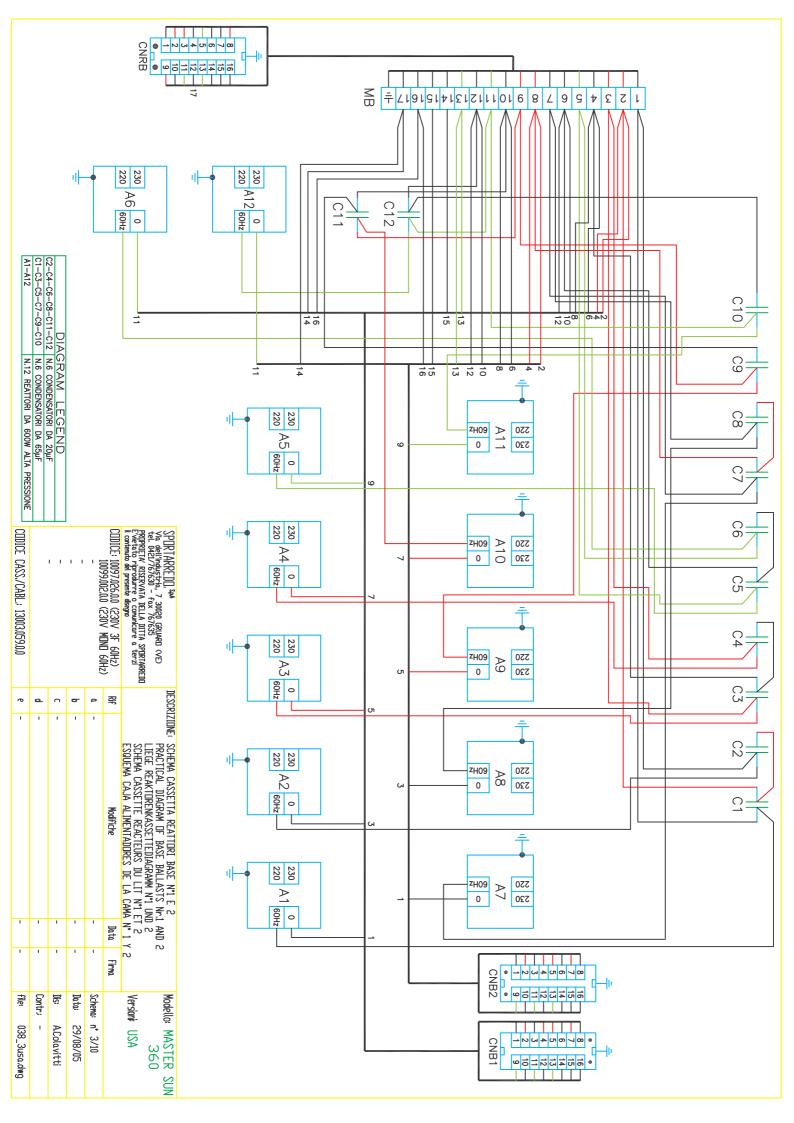
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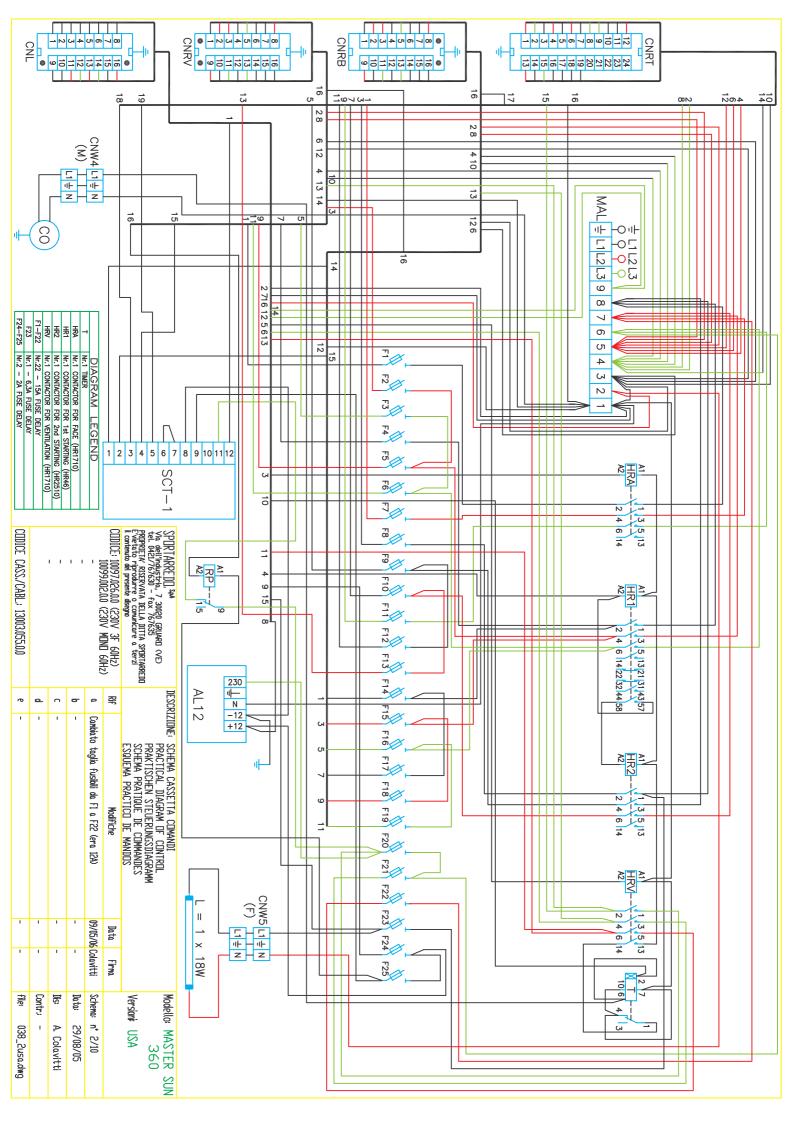












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CIRCUIT BOARD SCT	VOCAL CONTROL ARRANGEMENT+T-MAX	BED ILLUMINATIONS LAMPS+CANOPY	AIR-CONDITIONER ARRANGEMENT	FANS	CONTROL BOARD + FAN	LAMPS 5-6 - BED 2	LAMPS 3-4 - BED 2	LAMPS 1-2 - BED 2	LAMPS 5-6 - BED 1	LAMPS 3-4 - BED 1	LAMPS 1-2 - BED 1	LAMPS 5-6 - CANOPY 5	LAMPS 3-4 - CANOPY 5	LAMPS 1 - CANOPY 5	LAMPS 5-6 - CANOPY 3	LAMPS 3-4 - CANOPY 3	LAMP 2 - CANOPY 3 and 4	LAMP 1 - CANOPY 3	LAMP 6 - CANOPY 4	LAMP 5 - CANOPY 4	LAMP 4 - CANOPY 4	LAMP 3 - CANOPY 4	LAMP 2 - CANOPY 4	LAMP 1 - CANOPY 4	PROTECTION

CONNECTOR A	POSITION (A)	> POSITION (B)	CONNECTOR
CNRT	CONTROL BOX	BALLASTS BOX CANOPY (COLUMNS 3 and 5)	CNRT
CNRB	CONTROL BOX	BALLASTS BOX BASE (COLUMNS 1 and 2)	CNRB
CNRV	CONTROL BOX	BALLASTS BOX FACE (COLUMN 4)	CNRV
CNL	CONTROL BOX	LATERAL	CNL
CNB1	BALLASTS BOX BASE (COLUMNS 1 and 2)	BASE COLUMN 1	CNB1
CNB2	BALLASTS BOX BASE (COLUMNS 1 and 2)	BASE COLUMN 2	CNB2
CNT3	BALLASTS BOX CANOPY (COLUMNS 3 and 5)	CANOPY COLUMN 3	CNT3
CNT4	BALLASTA BOX FACE (COLUMN 4)	CANOPY COLUMN 4	CNT4
CNT5	BALLASTS BOX CANOPY (COLUMNS 3 and 5)	CANOPY COLUMN 5	CNT5
CNC	LATERAL	CONTROL BOARD	CNC

CODICE CASS./CABL.; -		1 1	1 1		CODICE: 10097.026.0.0 (230V 3F 60Hz)	SPORTARREDO, SM Via dell'Industria, 7 30020 gruard (VE) Via dell'Industria, 7 30020 gruard Falorelta (VE) fast factoria (VE) Propretav riscrvata della ditta spertarred Propretav riscrvata della ditta spertarred E vietato riprodure o comulcare a terzi I contenuto del presente disegno
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file: 038_10usa.dwg	I	A.Colavitti	Data: 29/08/05	Schema: n° 10/10		Modello: MASTER SUN 360 Versioni: USA